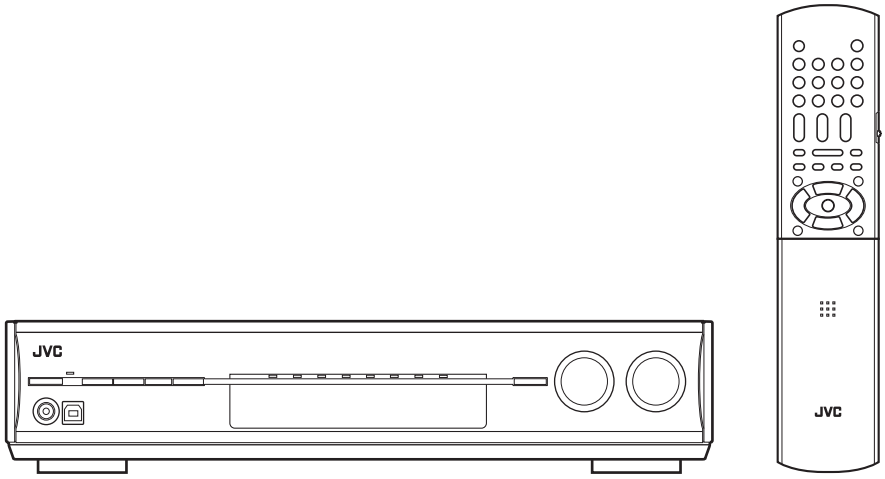
JVC

SERVICE MANUAL

AUDIO/VIDEO CONTROL RECEIVER

RX-D211SJ,RX-D212BJ, RX-D212BC



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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No.MB525
2006/5

SPECIFICATION

Amplifier			
Output Power	At stereo operation	Front channels	110 W per channel, min. RMS, driven into 6 Ω at 20 Hz to 20 kHz with no more than 0.8% total harmonic distortion.
	At surround operation	Front channels	110 W per channel, min. RMS, driven into 6 Ω at 1 kHz with no more than 0.8% total harmonic distortion.
		Center channel	110 W, min. RMS, driven into 6 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
		Surround channels	110 W per channel, min. RMS, driven into 6 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
		Surround back channels	110 W per channel, min. RMS, driven into 6 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
Audio	Audio Input Sensitivity/Impedance	DVR/DVD, VCR, DBS, TV	300 mV/47 kΩ
	Audio Input (DIGITAL IN)*	Coaxial: DIGITAL IN 1(DVR/DVD)	0.5 V(p-p)/75 Ω
		Optical: DIGITAL IN 2(DBS), 3(VCR)	-21 dBm to -15 dBm (660 nm ±30 nm)
		USB	USB DIGITAL
	Audio Output Level	DVR, VCR	300 mV
	Signal-to-Noise Ratio ('66 IHF/'78 IHF)		80 dB/70 dB
	Frequency Response (6 Ω)		20 Hz to 20 kHz (±1 dB)
	Bass Boost		+4 dB ±1 dB at 100 Hz
	Equalization (at DSP operation)	Center frequency	63 Hz, 250 Hz, 1 kHz, 4 kHz, 16 kHz
		Control range	±8 dB
Video	Video Input Sensitivity/Impedance	Composite video: DVR/DVD, VCR, DBS	1 V(p-p)/75 Ω
		S-video: DVR/DVD, VCR, DBS	Y (luminance) : 1 V(p-p)/75 Ω C (chrominance, burst) : 0.286 V(p-p)/75 Ω
		Component: DVR/DVD, VCR (DBS)	Y (luminance) : 1 V(p-p)/75 Ω PB, PR : 0.7 V(p-p)/75 Ω
	Video Output Level/Impedance	Composite video: DVR, VCR, MONITOR OUT	1 V(p-p)/75 Ω
		S-video: DVR, VCR, MONITOR OUT	Y (luminance) : 1 V(p-p)/75 Ω C (chrominance, burst) : 0.286 V(p-p)/75 Ω
		Component: MONITOR OUT	Y (luminance) : 1 V(p-p)/75 Ω PB, PR : 0.7 V(p-p)/75 Ω
	Synchronization		Negative
FM tuner (IHF)			
Tuning Range			87.5 MHz to 108.0 MHz
Usable Sensitivity		Monaural	12.8 dBf (1.2 μV/75 Ω)
50 dB Quieting Sensitivity		Monaural	16.0 dBf (1.7 μV/75 Ω)
		Stereo	37.5 dBf (20.5 μV/75 Ω)
Stereo Separation at REC OUT			35 dB at 1 kHz
AM tuner			
Tuning Range			530 kHz to 1 710 kHz
General			
Power Requirements			AC 120 V , 60 Hz
Power Consumption			150 W/200 VA (at operation) 0.9 W (in standby mode)
Dimensions (W × H × D)			435 mm × 91.5 mm × 360 mm (17 3/16 inches × 3 5/8 inches × 14 3/16 inches)
Mass			6.7 kg (14.8 lbs)

* Corresponding to Linear PCM, Dolby Digital, and DTS (with sampling frequency -32 kHz, 44.1 kHz, 48 kHz).

Designs and specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 Safety Precautions

(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

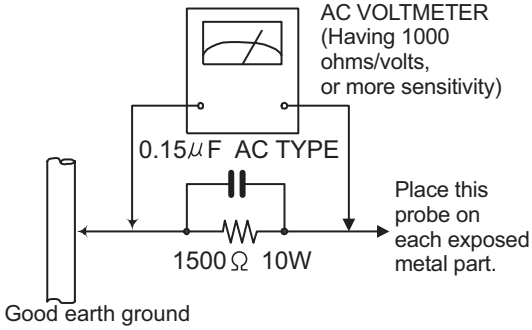
(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
  Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
  Measure the AC voltage across the resistor with the AC voltmeter.
  Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

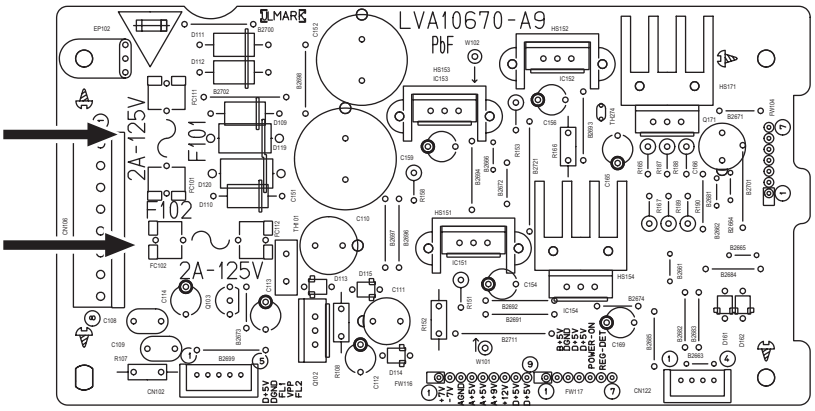
1.3 Caution

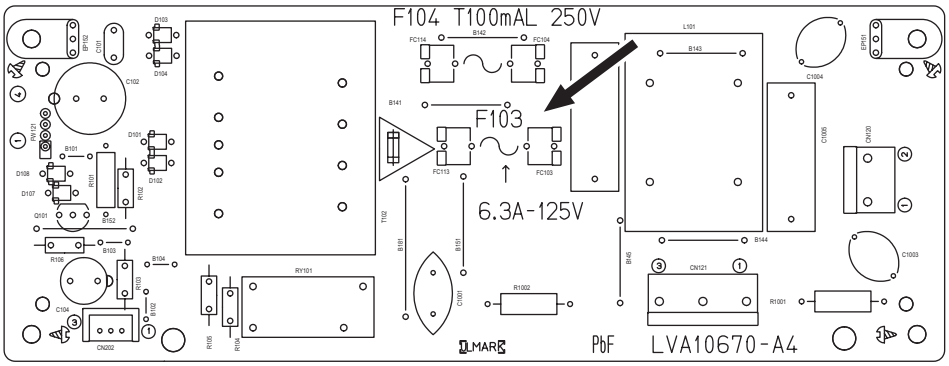
Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Importance admistering point on the safety





Full Fuse Replacement Marking	Marquage Pour Le Remplacement Complet De Fusible
Graphic symbol mark (This symbol means fast blow type fuse.) should be read as follows ;	Le symbole graphique (Ce symbole signifie fusible de type á fusion rapide.) doit être interprété comme suit ;
FUSE CAUTION	**PRECAUTIONS SUR LES FUSIBLES**
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATING OF FUSES ; F101 : 2A 125V F102 : 2A 125V F103 : 6.3A 125V	**POUR UNE PROTECTION CONTINUE CONTRE DES RISQUES D'INCENDIE, REMPLACER SEULEMENT PAR UN FUSIBLE DU MEME TYPE ;** F101 : 2A 125V F102 : 2A 125V F103 : 6.3A 125V

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body section

3.1.1 Removing the top cover (See Figs.1 and 2)

(1) From the both sides of the main body, remove the four screws **A** attaching the top cover. (See Fig.1)
(2) From the back side of the main body, remove the six screws **B** attaching the top cover. (See Fig.2)
(3) Remove the top cover in the direction of the arrow. (See Fig.1)

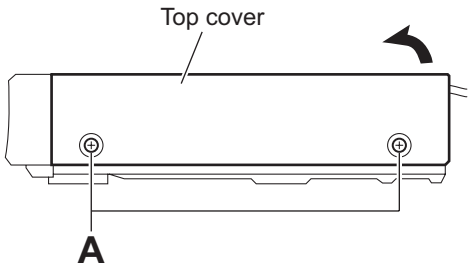


Fig.1

3.1.2 Removing the tuner (See Fig.3)

- Remove the top cover.

(1) From the top side of the main body, disconnect the card wire from the connector CN1 on the tuner.
(2) From the back side of the main body, remove the two screws **C** attaching the tuner to the rear panel and then take out the tuner.

3.1.3 Removing the XM board (See Fig.3)

- Remove the top cover.

Reference:
Remove the tie band bundling the wires.

(1) From the back side of the main body, remove the two screws **D** from the rear panel.
(2) From the top side of the main body, disconnect the wire from the connector CN662 on the DSP board.
(3) Disconnect the card wire from the connector CN538 on the XM board.
(4) Take out the XM board from the main body.

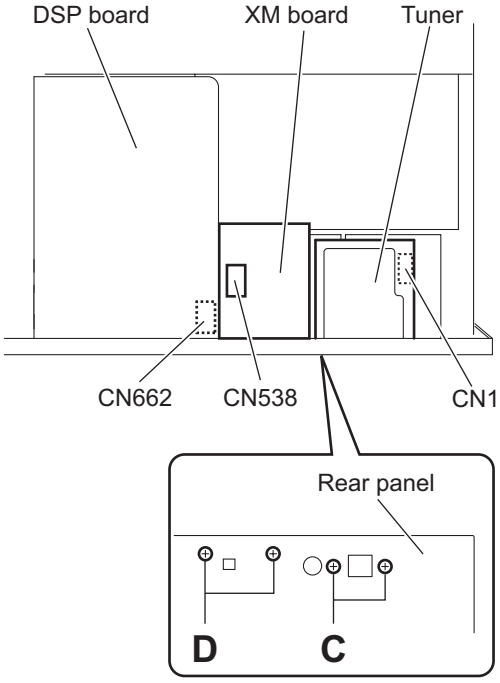


Fig.3

3.1.4 Removing the fan motor (See Fig.4)

• Remove the top cover.

Reference:

Remove the tie band bundling the wires.

(1) From the top side of the main body, disconnect the wire from the connector CN103 on the main amplifier board.
(2) Remove the three screws **E** and take out the fan motor assembly.
(3) Remove the two screws **F** attaching the fan motor to the fan bracket.

3.1.5 Removing the AV compulink board (See Fig.4)

• Remove the top cover.

(1) From the top side of the main body, disconnect the wire from the connector CN531 on the AV compulink board.
(2) From the back side of the main body, remove the screw **G** and take out the AV compulink board.

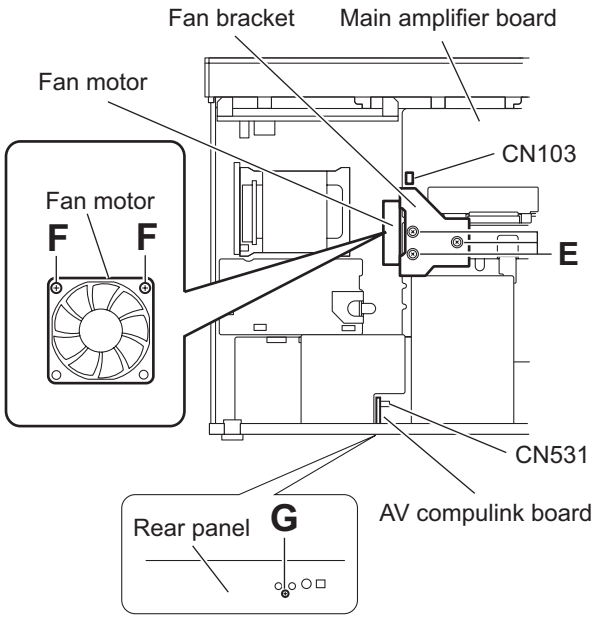


Fig.4

3.1.6 Removing the rear panel (See Fig.5)

• Remove the top cover, tuner, XM board and AV compulink board.

(1) From the back side of the main body, remove the strain relief from the rear panel in the direction of the arrow and remove the power cord.
(2) Remove the twenty two screws **H** attaching the rear panel.
(3) Take out the rear panel from the main body.

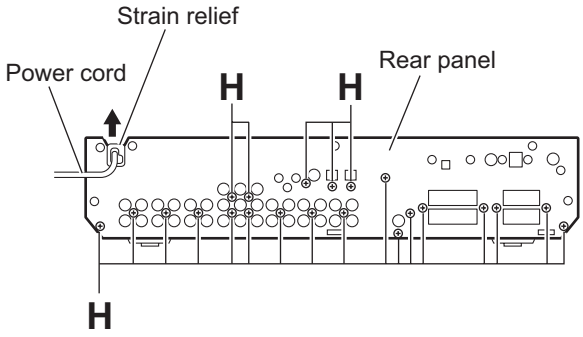


Fig.5

3.1.7 Removing the DSP board (See Fig.6)

- Remove the top cover, tuner, XM board, AV compulink board and rear panel.
  (1) From the top side of the main body, remove the screw **J** attaching the DSP board.
  (2) Disconnect the connectors (CN661, CN683) on the DSP board from the volume board.

  Note:
  When removing the DSP board, take care not to break the claw of the connector on it.
  (3) Take out the DSP board and disconnect the wires from the connector CN681 on the forward side of the DSP board.
  (4) Take out the DSP board from the main body.

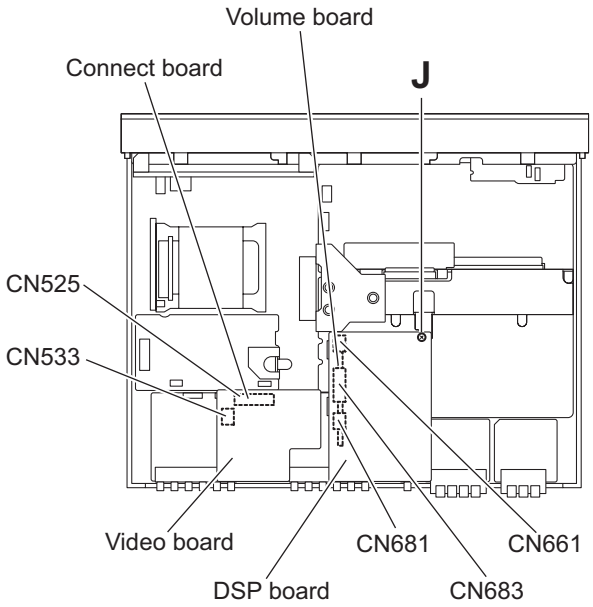


Fig.6

3.1.8 Removing the video board (See Fig.6)

- Remove the top cover, tuner, XM board, AV compulink board and rear panel.
  (1) From the top side of the main body, disconnect the wire from the connector CN533 on the video board.
  (2) Disconnect the connector CN525 on the video board from the connect board.
  (3) Take out the video board from the main body.

3.1.9 Removing the speaker terminal 1 and 2 board (See Fig.7)

- Remove the top cover, tuner, XM board, AV compulink board and rear panel.
  (1) From the top side of the main body, disconnect the wires from the connectors (CN261, CN461) on the speaker terminal 1 board.
  (2) Disconnect the wires from the connectors (CN205, CN262, CN263) on the speaker terminal 2 board.
  (3) Take out the speaker terminal 1 and 2 board from the main body.

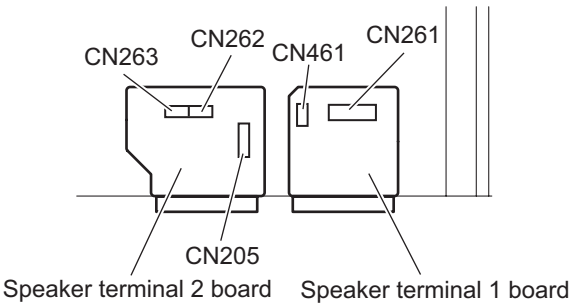


Fig.7

3.1.10 Removing the power transformer (See Fig.8)

- Remove the top cover.

Reference:
Remove the tie bands bundling the wires.
(1) From the top side of the main body, disconnect the wires from the connector CN121 on the primary board.
(2) Disconnect the wires from the connector CN106 on the regulator board.
(3) Disconnect the wires from the connector CN111 on the main amplifier board.
(4) Remove the four screws **K** and take out the power transformer from the main body.

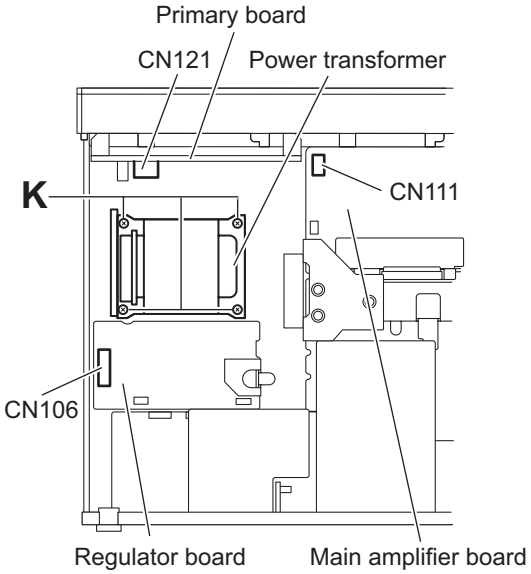


Fig.8

3.1.11 Removing the primary board (See Fig.9)

- Remove the top cover.

Reference:

Remove the tie band bundling the wires.

(1) From the top side of the main board, remove the wires from the connectors (CN120, CN121) on the primary board.
(2) Disconnect the wires from the connector CN102 on the regulator board.
(3) Remove the two screws **M** attaching the primary board.
(4) Take out the primary board from the main body.

3.1.12 Removing the regulator board (See Fig.9)

- Remove the top cover and video board.

Reference:

Remove the tie band bundling the wires.

(1) From the top side of the main board, remove the wires from the connectors (CN106, CN102, CN122) on the regulator board.
(2) Disconnect the wires from the connectors (CN506, CN507) on the input board.
(3) Disconnect the wire from the connector CN105 on the main amplifier board.
(4) Remove the four screws **N** attaching the regulator board.
(5) Take out the regulator board from the main body.

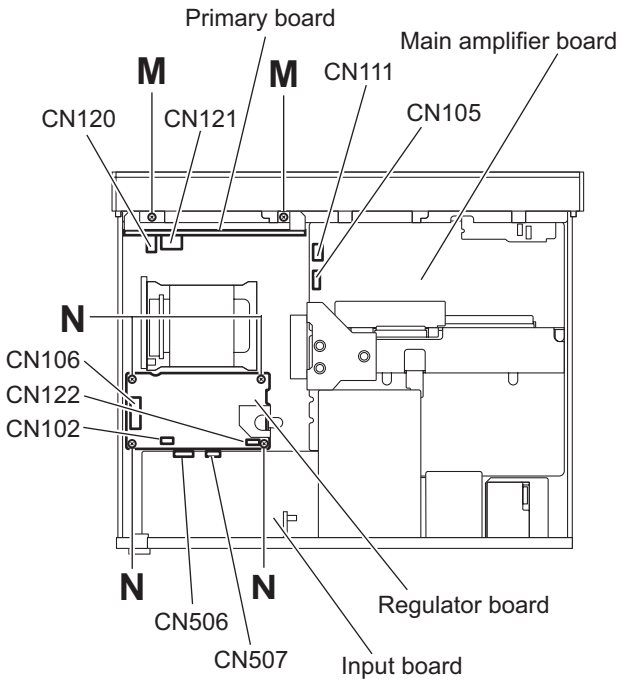


Fig.9

3.1.13 Removing the volume board
(See Fig.10)

- Remove the top cover, tuner, XM board, AV compulink board, rear panel, DSP board and video board.
  (1) From the top side of the main body, disconnect the connector CN413 on the main amplifier board from the volume board.
  (2) Disconnect the connector CN503 on the input board from the volume board and then take out the volume board in an upward direction.

Note:
When removing the volume board, take care not to break the claws of the connectors on the main amplifier board and input board.

3.1.14 Removing the connect board
(See Fig.10)

- Remove the top cover, tuner, XM board, AV compulink board, rear panel, DSP board and video board.
  (1) From the top side of the main body, disconnect the connector CN524 on the input board from the connect board.
  (2) Take out the connect board in an upward direction.

Note:
When removing the connect board, take care not to break the claws of the connectors on the input board.

3.1.15 Removing the input board
(See Fig.10)

- Remove the top cover, tuner, XM board, AV compulink board, rear panel, DSP board, video board and volume board.

Reference:
Remove the tie band bundling the wires.
(1) From the top side of the main body, disconnect the wires from the connectors (CN506, CN507, CN508, CN509) on the input board.
(2) Disconnect the wire from the connector CN205 on the speaker terminal 2 board.
(3) Remove the three screws **P** and take out the input board from the main body.

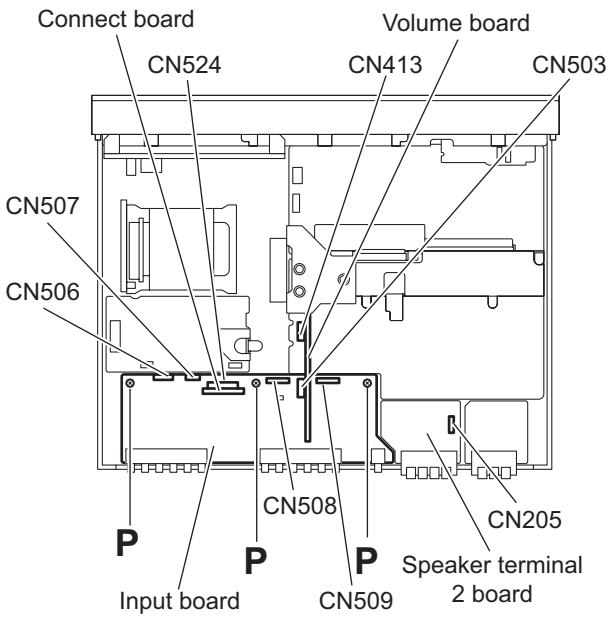


Fig.10

3.1.16 Removing the main amplifier board (See Figs.11 and 12)

- Remove the top cover, tuner, XM board, AV compulink board, rear panel, DSP board, video board and volume board.
  (1) From the top side of the main body, disconnect the wires from the connectors (CN261, CN262, CN263) on the speaker terminal 1 and 2 board. (See Fig.11)

  Reference:
  Remove the tie bands bundling the wires.
  (2) Disconnect the wires from the connectors (CN105, CN111) on the main amplifier board. (See Fig.11)
  (3) Disconnect the wire from the connector CN509 on the input board. (See Fig.11)
  (4) Disconnect the wires from the connectors (CN911, CN921) on the front input board. (See Fig.11)
  (5) Remove the two screws **Q** and four screws **R** attaching the main amplifier board. (See Fig.12)
  (6) Take out the main amplifier board with the regulator board from the main body. (See Fig.12)

3.1.17 Removing the regulator board (See Fig.12)

- Remove the top cover.
  (1) From the top side of the main amplifier board, disconnect the wire from the connector CN204 on the main amplifier board.
  (2) Remove the two screws **S** attaching the regulator board from the heat sink.

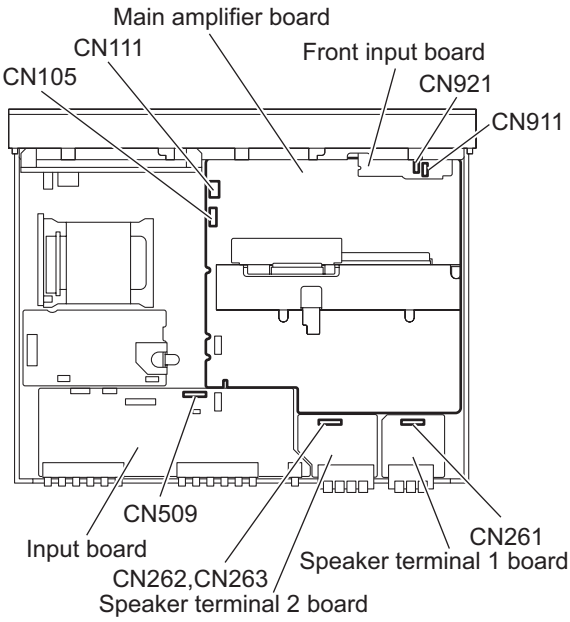


Fig.11

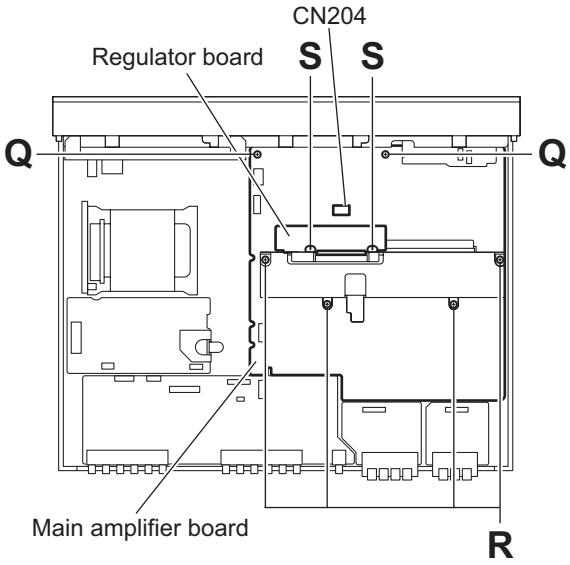


Fig.12

3.1.18 Removing the heat sink (See Fig.13)

- Remove the top cover, tuner, XM board, AV compulink board, rear panel, DSP board, video board, volume board and main amplifier board.

From the forward side of the main amplifier board, remove the two screws **T** and remove the heat sink.

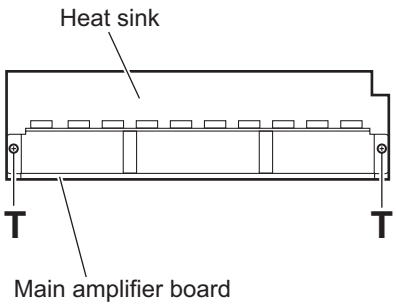


Fig.13

3.1.19 Removing the front panel assembly (See Figs.14 and 15)

- Remove the top cover.

Reference:

Remove the tie bands and wire holder bundling the wires.

(1) From the top side of the main body, disconnect the card wire from the connector CN102 on the regulator board. (See Fig.14)
(2) Disconnect the wire from the connector CN508 on the input board. (See Fig.14)
(3) Remove the two screws **U** and three screws **V** attaching the front panel assembly. (See Fig.14)
(4) Disconnect the wires from the connectors (CN911, CN921) on the front input board. (See Fig.14)
(5) From the bottom side of the main body, remove the four screws **W** attaching the front panel assembly. (See Fig.15)
(6) Release the joints **a** and remove the front panel assembly in the direction of the arrow. (See Fig.15)

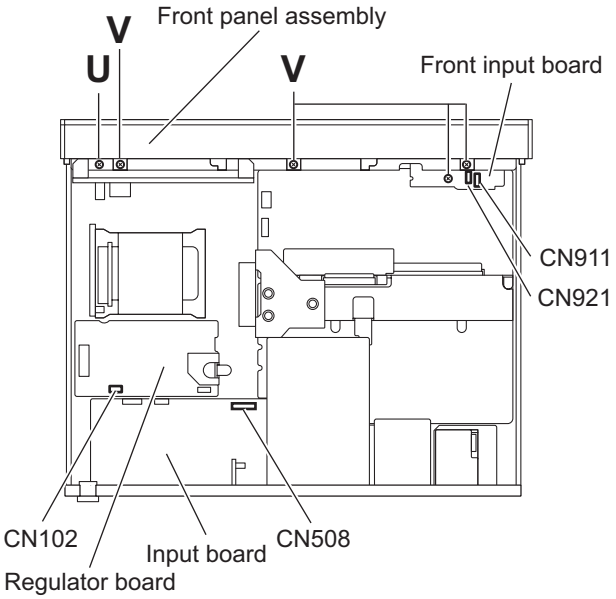


Fig.14

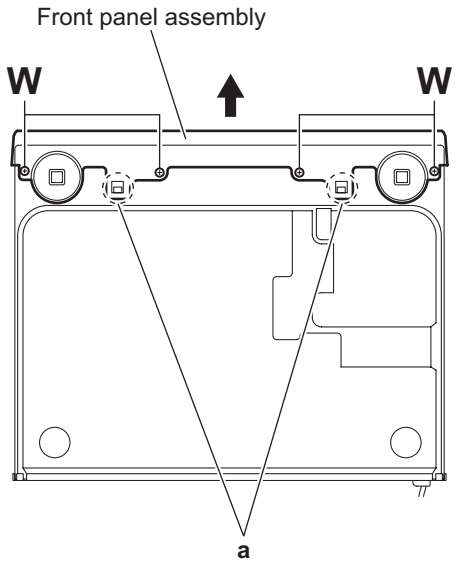


Fig.15

3.1.20 Removing the front input board (See Fig.16)

• Remove the top cover and front panel assembly.

From the inside of the front panel assembly, remove the two screws **X** attaching the front input board.

3.1.21 Removing the JOG board (See Figs.16 and 17)

• Remove the top cover and front panel assembly.

(1) From the inside of the front panel assembly, remove the four screws **Y** attaching the JOG board. (See Fig.16.)

(2) Take out the JOG board while lifting it from the front panel assembly little by little.

Reference:

The rotary knobs are removed from the front side simultaneously. (See Fig.17)

(3) From the forward side of the JOG board, disconnect the wire from the connector CN913. (See Fig.16)

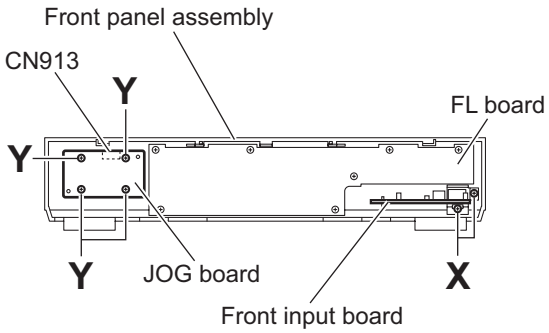


Fig.16

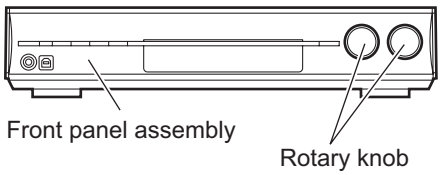


Fig.17

3.1.22 Removing the FL board (See Fig.18)

• Remove the top cover, front panel assembly and JOG board.

From the inside of the front panel assembly, remove the eight screws **Z** and take out the FL board.

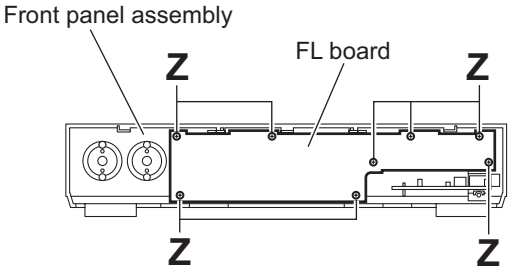


Fig.18

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
Audio/Video Systems Category 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB525)

Printed in Japan
VPT

PARTS LIST

RX-D211SJ,RX-D212BJ,RX-D212BC

* All printed circuit boards and its assemblies are not available as service parts.

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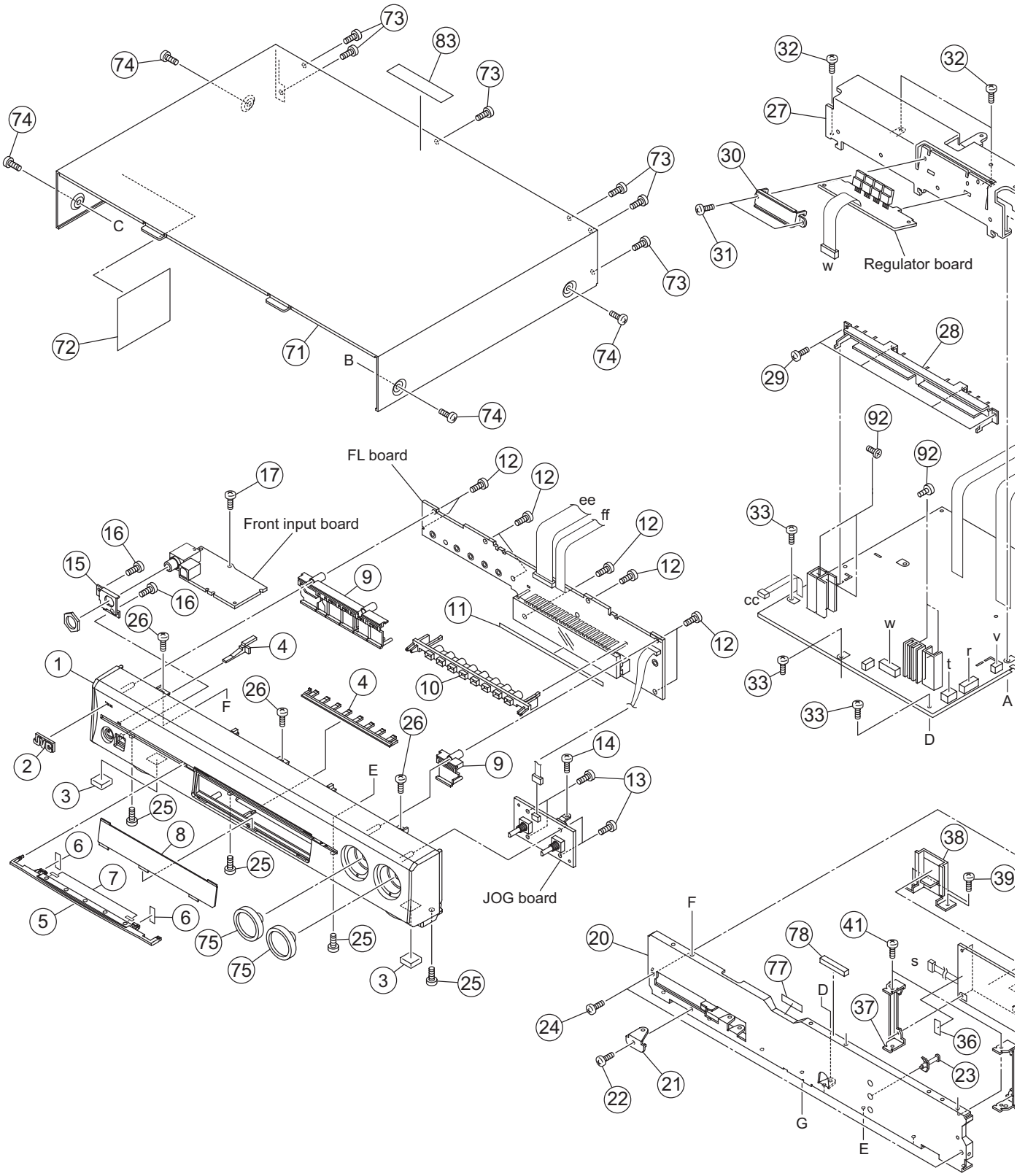
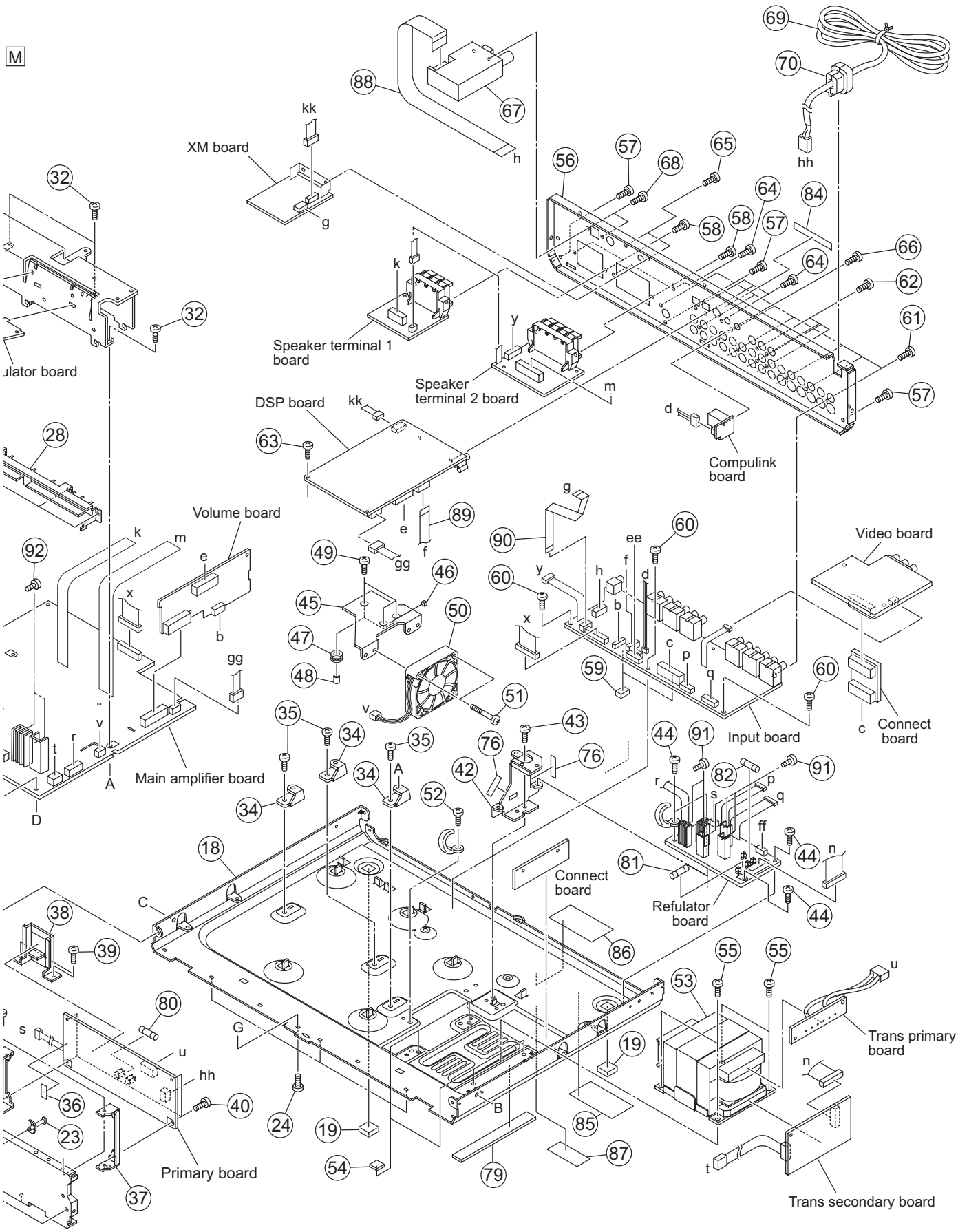
Electrical parts list (Block No.01~04) ---------- 3- 4
Packing materials and accessories parts list (Block No.M3) ---------- 3-22

Exploded view of general assembly and parts list

Block No. M 1 M M




M
XM board
Speaker terminal 1 board
Speaker terminal 2 board
DSP board
Compulink board
Volume board
Main amplifier board
Video board
Input board
Connect board
Refulator board
Trans primary board
Trans secondary board
Primary board
Connect board

General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	LV11052-041A	FRONT PANEL		D211SJ
	1	LV11052-042A	FRONT PANEL		D212BJ,D212BC
	2	LV43338-002A	JVC MARK		
	3	LV43622-002A	FOOT	(x2)	
	4	LV35714-001A	SOURCE INDICATO		
	5	LV21918-005A	LIGHT LENS		D211SJ
	5	LV21918-006A	LIGHT LENS		D212BJ,D212BC
	6	LV30225-0P9A	SPACER	(x2)	
	7	LV30225-0D5A	SPACER	(x2)	
	8	LV35712-001A	FRONT LENS		
	9	LV21919-005A	PUSH BUTTON		D211SJ
	9	LV21919-006A	PUSH BUTTON		D212BJ,D212BC
	10	LV21920-001A	LED HOLDER		
	11	LV30227-001A	SPACER		
	12	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x8)	
	13	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x4)	
	14	QYSBSG3006ZA	TAP SCREW	M3 x 6mm	
	15	LV44156-001A	H/P BRACKET		
	16	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x2)	
	17	QYSBSG3006ZA	TAP SCREW	M3 x 6mm	
	18	LV11051-005A	CHASSIS BASE		
	19	LV43622-002A	FOOT	(x2)	
	20	LV11055-004A	FRONT BRACKET		
	21	LV36913-001A	EARTH BKT(A)		
	22	QYSBSG3006ZA	TAP SCREW	M3 x 6mm	
	23	LV44668-001A	FASTNER		
	24	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x6)	
	25	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x4)	
	26	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x3)	
	27	LV22329-001A	HEAT SINK		
	28	LV36951-001A	FET BRACKET		
	29	QYSDSG3006EA	TAP SCREW	M3 x 6mm(x4)	
	30	LV35043-002A	TRANSISTOR HOLD		
	31	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x2)	
	32	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x4)	
	33	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x3)	
	34	E68587-223SM	CB BKT	(x3)	
	35	QYSBST3005EA	TAP SCREW	M3 x 5mm(x3)	
	36	LV30227-055A	SPACER		
	37	LV36916-001A	PWB BKT	(x2)	
	38	LV36984-001A	TRANS BKT		
	39	QYSBST3005EA	TAP SCREW	M3 x 5mm(x2)	
	40	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x4)	
	41	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x2)	
	42	LV36912-001A	SUPPORT BRACKET		
	43	QYSBST3005EA	TAP SCREW	M3 x 5mm	
	44	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x4)	
	45	LV36782-002A	FAN BRACKET		
	46	LV30227-002A	SPACER		
	47	LV42501-201A	INSULATOR	(x3)	
	48	LV44543-001A	SPACER	(x3)	
	49	QYSPSGG3012ZA	TAP SCREW	M3 x 12mm(x3)	
	50	QAR0312-001	FAN MOTOR		
	51	QYSBSG3020ZA	TAP SCREW	M3 x 20mm(x2)	
	52	QYSBST3005EA	TAP SCREW	M3 x 5mm	
⚠	53	QQT0523-001	POWER TRANSF		
	54	E406309-002	SPACER	(x4)	
	55	QYSDSTL4008EA	TAP SCREW	M4 x 8mm(x4)	
	56	LV22330-016A	REAR PANEL		D211SJ
	56	LV22330-017A	REAR PANEL		D212BJ,D212BC
	57	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	58	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x4)	
	59	LV30227-002A	SPACER	(x2)	
	60	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x3)	
	61	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x7)	
	62	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x4)	
	63	QYSBSG3006ZA	TAP SCREW	M3 x 6mm	
	64	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x4)	
	65	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	66	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	67	QAU0412-001	TUNER		
	68	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
⚠	69	QMPD380-200-JN	POWER CORD(US/CA)	2m BLACK	
⚠	70	QZW0033-001	STRAIN RELIEF		

⚠	Symbol No.	Part No.	Part Name	Description	Local
	71	LV21925-001A	TOP COVER		D211SJ
	71	LV21925-002A	TOP COVER		D212BJ,D212BC
	72	LV30227-037A	SPACER		
	73	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x6)	
	74	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x4)	D211SJ
	74	QYSDSG3008MA	TAP SCREW	M3 x 8mm(x4)	D212BJ,D212BC
	75	LV44151-007A	ROTARY KNOB ASS	(x2)	D211SJ
	75	LV44151-008A	ROTARY KNOB ASS	(x2)	D212BJ,D212BC
	76	LV30225-0M7A	SPACER	(x2)	
	77	LV30225-0M7A	SPACER		
	78	LV30227-026A	SPACER		
	79	LV30227-056A	SPACER		
⚠	80	QMF51U1-6R3-J8	FUSE	F103 6.3A AC125V	
⚠	81	QMF51U1-2R0-J8	FUSE	F101 2A AC125V	
⚠	82	QMF51U1-2R0-J8	FUSE	F102 2A AC125V	
	83	E409394-001	CAUTION LABEL		D211SJ,D212BJ
	83	E409396-003	CAUTION LABEL		D212BC
	84	LV40232-002A	NUMBER LABEL		
	85	LV43550-004A	LABEL		
	86	LV43835-001A	EMC LABEL		
	87	LV44700-001A	XM LABEL		
	88	QUQQ12-1122CJ-E	FFC WIRE	11pin 22cm	
	89	QUQQ12-1109CJ-E	FFC WIRE	11pin 9cm	
	90	QUQQ12-0718CJ-E	FFC WIRE	7pin 18cm	
	91	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x5)	
	92	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x4)	

Electrical parts list

Front board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW153	WJM0464-002A-E	SIN CR C-F		
⚠ IC151	KIA7805API	IC		
⚠ IC152	KIA7809API	IC		
⚠ IC153	KIA7805API	IC		
⚠ IC154	KIA7805API	IC		
IC901	MN101C88DPX	IC(MCU)		
IC902	GP1UM281XKVF	IR DETECT UNIT		
Q101	KTD863/Y/-T	TRANSISTOR		
Q102	KTA1046/Y/	TRANSISTOR		
Q103	KTC3200/GL/-T	TRANSISTOR		
Q161	RT1N140C-X	DIGI TRANSISTOR		
Q162	RT1N140C-X	DIGI TRANSISTOR		
Q163	RT1N140C-X	DIGI TRANSISTOR		
Q164	RT1N140C-X	DIGI TRANSISTOR		
Q165	RT1N140C-X	DIGI TRANSISTOR		
⚠ Q171	2SD2394/EF/	POW TRANSISTOR		
⚠ Q174	2SD2394/EF/	POW TRANSISTOR		
⚠ Q175	2SD2394/EF/	POW TRANSISTOR		
Q291	RT1N231C-X	TRANSISTOR		
⚠ Q441	2SD2394/EF/	POW TRANSISTOR		
⚠ Q444	KTA1046/Y/	TRANSISTOR		
Q445	2SC3928A/RS/-X	TRANSISTOR		
Q891	RT1N231C-X	TRANSISTOR		
Q901	RT1N144C-X	DIGI TRANSISTOR		
Q902	RT1P144C-X	DIGI TRANSISTOR		D211 SJ, D212 BJ
Q1001	RT1N237C-X	DIGI TRANSISTOR		
Q1291	RT1N231C-X	TRANSISTOR		
Q1491	RT1N231C-X	TRANSISTOR		
D101	1A3G-T1	SI DIODE		
D102	1A3G-T1	SI DIODE		
D103	1A3G-T1	SI DIODE		
D104	1A3G-T1	SI DIODE		
D106	UDZW6.2B-X	Z DIODE		
D107	1A3G-T1	SI DIODE		
D108	1A3G-T1	SI DIODE		
⚠ D109	10DDA20-FD	DIODE		
⚠ D110	10DDA20-FD	DIODE		
⚠ D111	10DDA20-FD	DIODE		
⚠ D112	10DDA20-FD	DIODE		
D113	1A3G-T1	SI DIODE		
D114	1A3G-T1	SI DIODE		
D115	1A3G-T1	SI DIODE		
D116	UDZW33B-X	Z DIODE		
D117	UDZW8.2B-X	Z DIODE		
D158	UDZW6.2B-X	Z DIODE		
D159	1SS355W-X	DIODE		D211 SJ, D212 BJ
D161	1A3G-T1	SI DIODE		
D162	1A3G-T1	SI DIODE		
D291	1SS355W-X	DIODE		
D391	1SS355W-X	DIODE		
D441	UDZW20B-X	Z DIODE		
D442	UDZW24B-X	Z DIODE		
D444	UDZW11B-X	Z DIODE		
D491	1SS355W-X	DIODE		
D891	1SS355W-X	DIODE		
D901	SLR-343VC-T	LED		
D902	SLR-343VC-T	LED		
D903	SLR-343VC-T	LED		
D904	SLR-343VC-T	LED		
D905	SLR-343VC-T	LED		
D906	SLR-343VC-T	LED		
D907	SLR-343VC-T	LED		
D908	SLR-343VC-T	LED		
D909	SLR-343VC-T	LED		
D911	1SS355W-X	DIODE		
D1001	1SS355W-X	DIODE		
D1511	UDZW6.2B-X	Z DIODE		
C101	QFLC2AJ-472Z	M CAPACITOR	4700pF 100V J	
C102	QETM1EM-108	E CAPACITOR	1000uF 25V M	
C103	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C104	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C105	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C106	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C107	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C108	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C109	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C110	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C111	QETN1JM-107Z	E CAPACITOR	100uF 63V M	
C112	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C113	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C114	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C151	QETM1EM-478	E CAPACITOR	4700uF 25V M	
C152	QETM1EM-338	E CAPACITOR	3300uF 25V M	
C153	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C154	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C155	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C156	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C158	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C159	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C165	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C166	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C167	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C169	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C184	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	D211 SJ, D212 BJ
C291	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C292	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C293	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C391	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C392	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C393	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C441	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C442	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C443	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
C491	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C492	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C493	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C891	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C892	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C893	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C901	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C903	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C904	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C905	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C907	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C909	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C910	QER61HM-475Z	E CAPACITOR	4.7uF 50V M	
C911	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C912	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C913	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C914	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C915	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C916	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C918	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C951	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C952	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C953	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C954	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
⚠ C1001	QCZ9104-472	C CAPACITOR	4700pF	
⚠ C1002	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠ C1003	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠ C1004	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠ C1005	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
C1291	NCB31HK-221X	C CAPACITOR	220pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1292	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1293	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C1391	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1392	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1393	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C1491	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1492	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1493	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C1577	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1579	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
R103	QRJ146J-6R8X	UNF C RESISTOR	6.8Ω 1/4W J	
R105	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R106	QRJ146J-821X	UNF C RESISTOR	820Ω 1/4W J	
⚠ R107	QRJ146J-5R6X	UNF C RESISTOR	5.6Ω 1/4W J	
R108	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J	
R109	NRS144J-223X	MG RESISTOR	22kΩ 1/4W J	
R110	NRSA02J-104X	MG RESISTOR	100kΩ 1/10W J	
⚠ R151	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
⚠ R152	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
⚠ R153	QRT01DJ-R47X	MF RESISTOR	0.47Ω 1W J	
R154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R155	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
⚠ R158	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R159	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R160	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
⚠ R165	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R166	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R167	QRT01DJ-4R7X	MF RESISTOR	4.7Ω 1W J	
R178	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R179	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R181	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R182	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R183	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R184	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R185	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R186	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
⚠ R188	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
⚠ R441	QRK126J-4R7X	UNF C RESISTOR	4.7Ω 1/2W J	
⚠ R442	QRK126J-362X	UNF C RESISTOR	3.6kΩ 1/2W J	
R443	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
⚠ R444	QRJ146J-182X	UNF C RESISTOR	1.8kΩ 1/4W J	
R891	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R901	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R903	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R904	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R905	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R907	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R910	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R911	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R912	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R920	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R921	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R922	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R930	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R931	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R936	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R937	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R938	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R939	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R940	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R941	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R942	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R943	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R944	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R947	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R948	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R949	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R950	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R953	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R955	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R956	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R961	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R965	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R966	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R967	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
⚠ R1001	QRZ9037-335	COMP RESISTOR	3.3MΩ 1/2W K	
⚠ R1002	QRZ9037-335	COMP RESISTOR	3.3MΩ 1/2W K	
R1291	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R1391	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R1491	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R1595	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
⚠ L101	QQR1676-001	LINE FILTER		
⚠ T102	QQT0478-001	POWER TRANSF		
BK901	LV34673-001A	FL HOLDER(L)		
BK902	LV34687-001A	FL HOLDER(R)		
CN102	QGA2001C1-05	CONNECTOR	W-B (1-5)	
⚠ CN106	QGA3901C1-08	CONNECTOR	W-B (1-8)	
⚠ CN120	QGA7901C1-02	CONNECTOR	W-B (1-2)	
⚠ CN121	QGA7901C1-03	CONNECTOR	W-B (1-3)	
CN122	QGA2001C1-04	CONNECTOR	W-B (1-4)	
CN205	QGA2001C1-06	CONNECTOR	W-B (1-6)	
CN206	WJK0208-003A-E	E-SI C WIRE		
CN211	QJK024-033003-E	SIN CR C-B WIRE		
CN461	QGA2001C1-03	CONNECTOR	W-B (1-3)	
CN531	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN903	QJL013-051100-E	SIN CR C-B WIRE		
CN958	QJK025-074002-E	SIN CR C-B WIRE		
DI901	QLF0157-001	FL TUBE		
EP102	QNZ0136-001Z	EARTH PLATE		
EP151	QNZ0136-001Z	EARTH PLATE		
EP152	QNZ0136-001Z	EARTH PLATE		
EP951	QNZ0136-001Z	EARTH PLATE		
FC101	QNG0003-001Z	FUSE CLIP		
FC102	QNG0003-001Z	FUSE CLIP		
FC103	QNG0003-001Z	FUSE CLIP		
FC111	QNG0003-001Z	FUSE CLIP		
FC112	QNG0003-001Z	FUSE CLIP		
FC113	QNG0003-001Z	FUSE CLIP		
FS900	LV30225-0S4A	SPACER		
FS901	VYSH101-009	SPACER		
FW104	WJS0054-002A-E	E-FL/RB WIRE		
FW116	WJS0064-003A-E	E-FL/RB WIRE		
FW117	WJS0045-002A-E	E-FL/RB WIRE		
FW121	WJS0058-001A-E	E-FL/RB WIRE		
FW203	WJS0064-001A-E	E-FL/RB WIRE		
FW261	QUM216-16DGZ3-E	PARA RIBON WIRE		
FW262	QUM218-16DGZ3-E	PARA RIBON WIRE		
FW451	WJS0046-003A-E	E-FL/RB WIRE		
FW902	WJS0073-002A-E	E-FL/RB WIRE		
⚠ HS151	E70306-001	HEAT SINK	HS 951	
⚠ HS152	E70306-001	HEAT SINK	HS 951	
⚠ HS153	E70306-001	HEAT SINK	HS 951	
⚠ HS154	E70945-H40B	HEAT SINK	HS 921	
⚠ HS171	E70945-H40B	HEAT SINK	HS 921	
J1511	QNS0089-001	3.5 JACK		
JS901	QSW1129-001	ROTARY ENCODER		
JS902	QSW1129-001	ROTARY ENCODER		
⚠ RY101	QSK0128-001	RELAY		
RY291	QSK0127-001	RELAY		
RY391	QSK0127-001	RELAY		
RY491	QSK0127-001	RELAY		
RY891	QSK0127-001	RELAY		
S901	QSW0683-001Z	PUSH SW I.M		
S902	QSW0683-001Z	PUSH SW I.M		
S903	QSW0683-001Z	PUSH SW I.M		
S904	QSW0683-001Z	PUSH SW I.M		
S905	QSW0683-001Z	PUSH SW I.M		
S906	QSW0683-001Z	PUSH SW I.M		
ST291	QNB0016-002	SPK TERMINAL		
ST292	QNB0256-001	SPK TERMINAL		
⚠ TH101	QAD0095-4R7Z	P THERMISTOR	4.7Ω M	
X901	QAX0246-001Z	C RESONATOR	8.00MHz	

Amplifer board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC101	IRS2011S-X	IC		
IC111	NJM2125F-X	IC		
IC112	NJM2403M-X	IC		
IC113	SN74HC00ANS-X	IC		
IC115	SN74HC74ANS-X	IC		
IC121	KIA7805API	IC		
IC201	JCV8015-X	IC		
IC211	SN74HCU04ANS-X	IC		
IC212	SN74HC00ANS-X	IC		
IC213	SN74HC00ANS-X	IC		
IC214	SN74HC74ANS-X	IC		
IC215	SN74HC04NS-X	IC(DIGITAL)		
IC251	IRS20124S-X	IC		
IC261	IRS20124S-X	IC		
IC281	RC4558D-X	IC		
IC301	JCV8015-X	IC		
IC351	IRS20124S-X	IC		
IC361	IRS20124S-X	IC		
IC401	JCV8015-X	IC		
IC451	IRS20124S-X	IC		
IC461	IRS20124S-X	IC		
IC801	JCV8015-X	IC		
IC851	IRS20124S-X	IC		
Q151	RT1P141C-X	DIGI TRANSISTOR		
Q152	RT1N141C-X	DIGI TRANSISTOR		
⚠ Q153	2SD2394/EF/	POW TRANSISTOR		
Q154	RT1N141C-X	DIGI TRANSISTOR		
⚠ Q157	2SD2394/EF/	POW TRANSISTOR		
⚠ Q158	KTA1046/Y/	TRANSISTOR		
Q159	RT1N140C-X	DIGI TRANSISTOR		
Q201	KTA1268/GL/-T	TRANSISTOR		
Q202	2SA1530A/QR/-X	TRANSISTOR		
Q251	2SA1530A/QR/-X	TRANSISTOR		
⚠ Q261	IRFI4212H-117P	POWER MOS FET		
Q281	RT1N141C-X	DIGI TRANSISTOR		
Q282	RT1P141C-X	DIGI TRANSISTOR		
Q283	2SC3928A/QR/-X	TRANSISTOR		
Q284	2SA1530A/QR/-X	TRANSISTOR		
Q285	2SC3928A/QR/-X	TRANSISTOR		
Q286	RT1N141C-X	DIGI TRANSISTOR		
Q301	KTA1268/GL/-T	TRANSISTOR		
Q302	2SA1530A/QR/-X	TRANSISTOR		
Q351	2SA1530A/QR/-X	TRANSISTOR		
⚠ Q361	IRFI4212H-117P	POWER MOS FET		
Q381	2SC3928A/QR/-X	TRANSISTOR		
Q382	2SC3928A/QR/-X	TRANSISTOR		
Q384	RT1N141C-X	DIGI TRANSISTOR		
Q401	KTA1268/GL/-T	TRANSISTOR		
Q402	2SA1530A/QR/-X	TRANSISTOR		
Q451	2SA1530A/QR/-X	TRANSISTOR		
⚠ Q461	IRFI4212H-117P	POWER MOS FET		
Q801	KTA1268/GL/-T	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
⚠ Q861	IRFI4212H-117P	POWER MOS FET		
⚠ Q1101	2SK2779	POWER MOS FET		
⚠ Q1102	2SK2779	POWER MOS FET		
Q1103	KTA1268/GL/-T	TRANSISTOR		
Q1104	KTA1268/GL/-T	TRANSISTOR		
Q1105	2SC2235/OY/-T	TRANSISTOR		
Q1152	RT1N141C-X	DIGI TRANSISTOR		
Q1171	2SC3928A/QR/-X	TRANSISTOR		
Q1173	2SA1530A/QR/-X	TRANSISTOR		
Q1174	2SC3928A/QR/-X	TRANSISTOR		
Q1201	KTA1268/GL/-T	TRANSISTOR		
Q1202	2SA1530A/QR/-X	TRANSISTOR		
Q1251	2SA1530A/QR/-X	TRANSISTOR		
⚠ Q1261	IRFI4212H-117P	POWER MOS FET		
Q1301	KTA1268/GL/-T	TRANSISTOR		
Q1302	2SA1530A/QR/-X	TRANSISTOR		
Q1351	2SA1530A/QR/-X	TRANSISTOR		
⚠ Q1361	IRFI4212H-117P	POWER MOS FET		
Q1401	KTA1268/GL/-T	TRANSISTOR		
Q1402	2SA1530A/QR/-X	TRANSISTOR		
Q1451	2SA1530A/QR/-X	TRANSISTOR		
⚠ Q1461	IRFI4212H-117P	POWER MOS FET		
D152	1SS355W-X	DIODE		
D153	UDZW13B-X	Z DIODE		
D154	UDZW8.2B-X	Z DIODE		
D156	UDZW8.2B-X	Z DIODE		
D157	UDZW8.2B-X	Z DIODE		
D171	UDZW13B-X	Z DIODE		
D172	UDZW13B-X	Z DIODE		
D201	1SS355W-X	DIODE		
D241	1SS355W-X	DIODE		
D242	1SS355W-X	DIODE		
D251	1SS355W-X	DIODE		
D300	1SS355W-X	DIODE		
D301	1SS355W-X	DIODE		
D341	UDZW2.7B-X	Z DIODE		
D351	1SS355W-X	DIODE		
D381	1SS355W-X	DIODE		
D382	UDZW16B-X	Z DIODE		
D401	1SS355W-X	DIODE		
D451	1SS355W-X	DIODE		
D801	1SS355W-X	DIODE		
D851	1SS355W-X	DIODE		
⚠ D1101	30PRA20-FC	SI DIODE		
⚠ D1102	30PRA20-FC	SI DIODE		
⚠ D1103	30PRA20-FC	SI DIODE		
⚠ D1104	30PRA20-FC	SI DIODE		
⚠ D1107	FMB-G19L	SB DIODE		
⚠ D1108	FMB-G19L	SB DIODE		
D1109	1SS355W-X	DIODE		
D1110	1SS355W-X	DIODE		
D1111	1SS355W-X	DIODE		
D1112	1SS355W-X	DIODE		
D1113	UDZW11B-X	Z DIODE		
D1114	1SS355W-X	DIODE		
D1151	1SS355W-X	DIODE		
D1152	1SS355W-X	DIODE		
D1153	1SS355W-X	DIODE		
D1154	UDZW2.7B-X	Z DIODE		
D1155	1SS355W-X	DIODE		
D1156	1SS355W-X	DIODE		
D1171	1SS355W-X	DIODE		
D1172	1SS355W-X	DIODE		
D1174	1SS355W-X	DIODE		
D1201	1SS355W-X	DIODE		
D1251	1SS355W-X	DIODE		
D1301	1SS355W-X	DIODE		
D1351	1SS355W-X	DIODE		
D1401	1SS355W-X	DIODE		
D1451	1SS355W-X	DIODE		
C157	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C160	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C161	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C162	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C163	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C173	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C174	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C175	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C176	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C201	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C202	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C203	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C204	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C205	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C208	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C209	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C210	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C211	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C212	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C222	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C223	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C224	QETN1CM-107Z	E CAPACITOR	100uF 16V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C225	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C226	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C231	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C232	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C241	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C242	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C243	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C244	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C245	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C246	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C247	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C248	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C249	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C251	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C252	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C253	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C254	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C263	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C264	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C265	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C266	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C267	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C268	QFKC2AJ-105Z	MM CAPACITOR	1uF 100V J	
C269	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C270	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C271	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C272	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C273	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C274	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C275	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C277	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C281	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C282	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C283	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C284	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C285	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C286	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C287	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C301	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C302	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C303	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C304	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C305	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C307	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C308	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C309	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C310	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C311	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C312	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C322	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C323	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C331	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C332	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C341	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C342	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C343	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C344	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C345	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C346	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C347	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C348	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C349	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C352	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C353	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C354	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C363	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C364	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C365	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C366	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C367	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C368	QFKC2AJ-105Z	MM CAPACITOR	1uF 100V J	
C369	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C370	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C371	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C372	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C373	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C374	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C375	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C377	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C381	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C382	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C383	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C401	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C402	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C403	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C404	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C405	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C408	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C409	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C410	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C411	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C422	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C423	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C424	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C425	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C426	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C431	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C432	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C451	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C452	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C453	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C454	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C463	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C464	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C465	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C466	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C467	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C468	QFKC2AJ-105Z	MM CAPACITOR	1uF 100V J	
C469	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C470	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C471	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C472	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C473	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C474	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C475	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C477	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C801	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C802	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C803	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C804	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C805	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C807	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C808	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C809	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C810	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C811	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C812	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C822	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C823	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C824	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C825	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C826	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C827	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C830	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C831	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C832	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C851	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C852	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C853	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C854	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C863	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C864	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C865	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C866	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C867	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C868	QFKC2AJ-105Z	MM CAPACITOR	1uF 100V J	
C869	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C870	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C871	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C872	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C873	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C874	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C875	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C877	NCB31HK-102X	C CAPACITOR	1000pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1101	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1102	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1103	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1104	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1105	QEZ0742-688	E CAPACITOR	6800uF	
C1106	QEZ0742-688	E CAPACITOR	6800uF	
C1107	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1108	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1109	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1110	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1111	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1112	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1113	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1114	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1117	QEZ0570-228	E CAPACITOR	2200uF	
C1118	QEZ0570-228	E CAPACITOR	2200uF	
C1119	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1120	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1122	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1123	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1124	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1125	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1126	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1127	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1151	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1152	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1153	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1154	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1155	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1156	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1157	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1158	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1159	NCB31HK-821X	C CAPACITOR	820pF 50V K	
C1161	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1165	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1166	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1171	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1172	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1174	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1175	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1181	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1182	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1201	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1202	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1203	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1204	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1205	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1208	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1209	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C1210	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1211	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1222	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1223	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1224	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1225	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1226	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1231	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1232	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1251	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1252	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1253	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1254	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1263	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1264	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1265	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1266	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1267	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1268	QFKC2AJ-105Z	MM CAPACITOR	1uF 100V J	
C1269	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C1270	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1271	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1272	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1273	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1274	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1275	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1277	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1301	QETN1HM-106Z	E CAPACITOR	10uF 50V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1302	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1303	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1304	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1305	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1307	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1308	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1309	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C1310	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1311	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1322	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1323	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1331	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1332	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1352	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1353	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1354	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1363	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1364	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1365	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1366	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1367	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1368	QFKC2AJ-105Z	MM CAPACITOR	1uF 100V J	
C1369	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C1370	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1371	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1372	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1373	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1374	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1375	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1377	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1401	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C1402	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1403	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1404	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1405	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1408	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1409	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C1410	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1411	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1422	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1423	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1431	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1432	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1451	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1452	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1453	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1454	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1463	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1464	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1465	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1466	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1467	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1468	QFKC2AJ-105Z	MM CAPACITOR	1uF 100V J	
C1469	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C1470	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1471	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1472	NCZ1061-104X	C CAPACITOR	0.1uF 100V K	
C1473	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1474	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1475	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1477	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
⚠ R156	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
⚠ R157	QRJ146J-471X	UNF C RESISTOR	470Ω 1/4W J	
⚠ R161	QRK126J-100X	UNF C RESISTOR	10Ω 1/2W J	
⚠ R162	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R163	QRK126J-100X	UNF C RESISTOR	10Ω 1/2W J	
⚠ R164	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R173	QRK126J-4R7X	UNF C RESISTOR	4.7Ω 1/2W J	
⚠ R174	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
⚠ R175	QRK126J-4R7X	UNF C RESISTOR	4.7Ω 1/2W J	
⚠ R176	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
R198	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R199	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R201	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R202	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R203	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R204	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R205	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R207	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R208	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R210	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R214	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R215	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R216	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R217	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R220	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R221	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R222	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R224	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R225	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R231	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R232	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R233	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R234	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R236	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R241	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R242	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R243	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R244	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R246	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R247	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R251	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R253	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R254	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R255	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R256	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R257	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R258	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R261	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R262	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R264	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R265	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R266	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R267	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R268	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R269	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R270	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R277	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R281	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R282	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R283	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R284	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R285	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R286	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R287	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R289	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R290	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R291	QRL027J-471	OMF RESISTOR	470Ω 2W J	
⚠ R300	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R301	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R302	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R303	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R304	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R305	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R306	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R307	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R308	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R309	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R310	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R311	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R314	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R315	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R316	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R317	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R320	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R321	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R322	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R325	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R331	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R332	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R333	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R334	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R335	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R336	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R341	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R342	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R343	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R344	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R345	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R346	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R347	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R348	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R351	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R353	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R354	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R355	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R356	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R357	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R358	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R361	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R362	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R364	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R365	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R366	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R367	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R368	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R369	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R370	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R381	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R382	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R383	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R384	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R385	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R386	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R387	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R391	QRL027J-471	OMF RESISTOR	470Ω 2W J	
R401	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R402	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R403	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R405	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R406	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R407	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R408	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R410	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R414	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R415	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R416	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R417	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R420	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R421	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R422	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R425	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R431	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R432	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R433	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R434	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R436	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R451	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R452	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R453	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R454	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R455	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R456	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R457	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R458	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R461	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R462	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R464	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R465	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R466	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R467	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R468	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R469	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R470	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R801	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R802	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R803	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R804	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R805	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R808	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R810	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R811	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R814	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R815	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R816	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R817	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R820	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R822	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R824	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R825	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R831	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R832	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R833	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R834	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R835	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R851	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R853	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R854	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R855	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R856	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R857	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R858	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R861	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R862	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R864	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R865	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R866	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R867	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R868	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R869	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R870	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1101	NRS144J-104X	MG RESISTOR	100kΩ 1/4W J	
R1102	NRS144J-104X	MG RESISTOR	100kΩ 1/4W J	
R1103	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R1104	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R1105	NRS016J-100X	MG RESISTOR	10Ω 1W J	
R1106	NRS016J-100X	MG RESISTOR	10Ω 1W J	
R1107	NRS016J-100X	MG RESISTOR	10Ω 1W J	
R1108	NRS016J-100X	MG RESISTOR	10Ω 1W J	
R1109	QRL027J-222	OMF RESISTOR	2.2kΩ 2W J	
R1110	QRL027J-222	OMF RESISTOR	2.2kΩ 2W J	
R1111	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F	
R1112	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F	
R1113	NRSA63F-433X	MG RESISTOR	43kΩ 1/16W F	
R1114	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1115	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1116	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1117	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1118	NRSA63F-473X	MG RESISTOR	47kΩ 1/16W F	
R1119	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1121	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1122	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
⚠ R1123	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
⚠ R1124	QRK126J-272X	UNF C RESISTOR	2.7kΩ 1/2W J	
R1152	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1153	NRSA63F-222X	MG RESISTOR	2.2kΩ 1/16W F	
R1154	NRSA63F-332X	MG RESISTOR	3.3kΩ 1/16W F	
R1155	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1156	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R1157	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1159	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1160	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1161	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1162	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1163	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1164	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1165	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1166	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1169	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1170	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
⚠ R1171	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J	
R1172	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1173	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1176	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1178	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1179	NRSA63F-332X	MG RESISTOR	3.3kΩ 1/16W F	
R1180	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1181	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1191	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1192	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1193	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1194	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1195	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1196	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1201	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1202	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1203	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1205	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R1206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1207	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1208	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1210	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1214	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1215	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R1216	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1217	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1220	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1221	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R1222	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1224	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R1225	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1231	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1232	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1233	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1234	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1236	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1251	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1253	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1254	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1255	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1256	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R1257	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R1258	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1261	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1262	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1264	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1265	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1266	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1267	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R1268	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1269	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1270	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1301	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1302	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1305	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R1306	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1307	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1308	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1309	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1310	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1311	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1314	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1315	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R1316	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1317	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1320	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1321	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R1322	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1325	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1331	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1332	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1333	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1334	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1335	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
⚠ R1336	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
⚠ R1337	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
R1338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1351	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1353	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1354	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1355	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1356	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R1357	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R1358	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1361	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1362	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1364	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1365	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1366	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1367	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R1368	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1369	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1370	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1401	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1402	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1403	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1405	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R1406	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1407	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1408	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1410	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1414	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1415	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R1416	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1417	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1420	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1421	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R1422	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1424	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R1425	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1431	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1432	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1433	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1434	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1436	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1451	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1452	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1453	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1454	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1455	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1456	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R1457	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R1458	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1461	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1462	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1464	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1465	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1466	NRS016J-220X	MG RESISTOR	22Ω 1W J	
R1467	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R1468	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1469	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1470	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L261	QQL77AK-220	COIL	22uH K	
L361	QQL77AK-220	COIL	22uH K	
L461	QQL77AK-220	COIL	22uH K	
L861	QQL77AK-220	COIL	22uH K	
L1101	QQL78AK-220	COIL	22uH K	
L1102	QQL78AK-220	COIL	22uH K	
L1261	QQL77AK-220	COIL	22uH K	
L1361	QQL77AK-220	COIL	22uH K	
L1461	QQL77AK-220	COIL	22uH K	
CN103	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN105	QGA2001C1-07	CONNECTOR	W-B (1-7)	
CN111	QGA3901C1-03	CONNECTOR	W-B (1-3)	
CN204	QGA2001C1-09	CONNECTOR	W-B (1-9)	
CN251	QGD2504C1-03Z	CONNECTOR	(1-3)	
CN252	QGD2504C1-03Z	CONNECTOR	(1-3)	
CN253	QGD2504C1-04Z	CONNECTOR	(1-4)	
CN254	QGD2504C1-04Z	CONNECTOR	(1-4)	
CN312	QJP001-031601-E	SHI CR C-B WIRE		
CN313	QJP001-030901-E	SHI CR C-B WIRE		
CN413	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN519	QJK002-111401-E	SIN CR C-B WIRE		
EP101	QNZ0136-001Z	EARTH PLATE		
EP201	QNZ0136-001Z	EARTH PLATE		
EP202	QNZ0136-001Z	EARTH PLATE		
FW311	WJS0077-002A-E	E-FL/RB WIRE		
HS101	E70306-001	HEAT SINK	HS 951	
HS102	E70306-001	HEAT SINK	HS 951	
HS157	E70306-001	HEAT SINK	HS 951	
HS158	E70945-H40B	HEAT SINK	HS 921	
RY300	QSK0127-001	RELAY		
TH273	QAD0146-103	N THERMISTOR	10kΩ	
X241	QAX0903-001	CERA LOCK		
X242	QAX0904-001	CERA LOCK		

Input board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW602	QUB221-09HPHP-E	S.WIRE		
IC501	MN101C49KRA	IC(MCU)		
IC502	BD3843FS-X	IC		
IC503	RC4558D-X	IC		
IC504	BR24L02F-W-X	IC(DIGITAL)		
IC505	IC-PST9139-T	IC		
IC511	BD3813KS	IC		
IC512	BD3812F-X	IC		
IC513	RC4558D-X	IC		
IC551	MM1117XF-XE	IC		
IC552	MM1501XN-X	IC		
IC553	MM1501XN-X	IC		
IC554	MM1118XF-X	IC		
IC561	TC90A49AP	IC		
IC562	MM1502XN-X	IC		
IC563	MM1504XN-X	IC		
IC564	MM1093NF-X	IC		
IC565	TA1270BFG	IC		
IC571	MM1503XN-X	IC		
IC572	MM1501XN-X	IC		
IC573	MM1501XN-X	IC		
IC574	MM1504XN-X	IC		
IC575	MM1506XN-X	IC		
IC576	MM1506XN-X	IC		
IC601	RC4558D-X	IC		
IC611	RC4558D-X	IC		
IC612	RC4558D-X	IC		
IC613	RC4558D-X	IC		
IC615	RC4558D-X	IC		
IC621	RC4558D-X	IC		
IC622	RC4558D-X	IC		
IC631	NJM2120M-X	IC		
IC632	RC4558D-X	IC		
IC633	RC4558D-X	IC		
IC634	RC4558D-X	IC		
IC651	RC4558D-X	IC		
IC652	RC4558D-X	IC		
IC661	DSPC56371AF180	IC(DIGITAL)		
IC662	SN74AHC2GU04T-X	IC		
IC667	CS42518-CQZ-D-W	IC		

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC671	UPD784215AGC284	IC(MICRO C ROM)		
IC672	SN74AHCT1G32K-X	IC		
IC673	SN74LVC1G04K-X	IC		
IC691	BD7800FP-X	IC		
IC692	MM1563DF-X	IC		
IC911	PCM2704DB-X	IC		
IC912	SN74AHC1G08V-X	IC		
Q501	2SC3576-JVC-T	TRANSISTOR		
Q503	2SC3576-JVC-T	TRANSISTOR		
Q504	2SC3576-JVC-T	TRANSISTOR		
Q505	RT1P441C-X	DIGI TRANSISTOR		
Q507	2SC3576-JVC-T	TRANSISTOR		
Q508	2SC3576-JVC-T	TRANSISTOR		
Q509	RT1P441C-X	DIGI TRANSISTOR		
Q510	RT1P441C-X	DIGI TRANSISTOR		
Q511	RT1N141C-X	DIGI TRANSISTOR		
Q512	RT1N231C-X	TRANSISTOR		
Q513	2SA1530A/RS/-X	TRANSISTOR		
Q514	2SA1530A/RS/-X	TRANSISTOR		
Q515	2SA1530A/RS/-X	TRANSISTOR		
Q516	2SA1530A/RS/-X	TRANSISTOR		
Q517	2SA1530A/RS/-X	TRANSISTOR		
Q1501	2SC3576-JVC-T	TRANSISTOR		
Q1502	2SC3576-JVC-T	TRANSISTOR		
Q1503	2SC3576-JVC-T	TRANSISTOR		
Q1504	2SC3576-JVC-T	TRANSISTOR		
Q1505	2SC3576-JVC-T	TRANSISTOR		
Q1507	2SC3576-JVC-T	TRANSISTOR		
Q1508	2SC3576-JVC-T	TRANSISTOR		
Q1509	RT1P441C-X	DIGI TRANSISTOR		
Q1551	2SC3928A/RS/-X	TRANSISTOR		
Q1561	2SC3928A/RS/-X	TRANSISTOR		
Q2101	2SD2114K/VW/-X	TRANSISTOR		
Q2102	2SD2114K/VW/-X	TRANSISTOR		
Q2141	2SC3928A/RS/-X	TRANSISTOR		
Q2142	2SC3928A/RS/-X	TRANSISTOR		
Q2201	2SD2114K/VW/-X	TRANSISTOR		
Q2202	2SD2114K/VW/-X	TRANSISTOR		
Q2223	2SD2114K/VW/-X	TRANSISTOR		
Q2224	2SD2114K/VW/-X	TRANSISTOR		
Q2301	2SD2114K/VW/-X	TRANSISTOR		
Q2341	2SC3928A/RS/-X	TRANSISTOR		
Q2401	2SD2114K/VW/-X	TRANSISTOR		
Q2422	2SD2114K/VW/-X	TRANSISTOR		
Q2501	2SD2114K/VW/-X	TRANSISTOR		
Q2502	2SD2114K/VW/-X	TRANSISTOR		
Q2701	RT1N144C-X	DIGI TRANSISTOR		
Q2702	RT1N144C-X	DIGI TRANSISTOR		
Q2703	RT1N144C-X	DIGI TRANSISTOR		
Q2704	RT1P144C-X	DIGI TRANSISTOR		
Q2705	RT1P144C-X	DIGI TRANSISTOR		
Q2706	RT1P144C-X	DIGI TRANSISTOR		
Q2708	RT1P144C-X	DIGI TRANSISTOR		
Q2709	RT1P144C-X	DIGI TRANSISTOR		
Q2710	RT1N144C-X	DIGI TRANSISTOR		
Q4501	KTA1267/YG/-T	TRANSISTOR		
Q4505	KTA1267/YG/-T	TRANSISTOR		
Q4506	RT1P14HC-X	DIGI TR.C.M.		
Q5501	KTA1267/YG/-T	TRANSISTOR		
Q5502	KTA1267/YG/-T	TRANSISTOR		
Q5503	KTA1267/YG/-T	TRANSISTOR		
Q5504	KTA1267/YG/-T	TRANSISTOR		
Q5505	KTA1267/YG/-T	TRANSISTOR		
Q5506	KTA1267/YG/-T	TRANSISTOR		
Q5507	KTA1267/YG/-T	TRANSISTOR		
Q5508	KTA1267/YG/-T	TRANSISTOR		
Q5509	KTA1267/YG/-T	TRANSISTOR		
Q5511	RT1P44QC-X	DIGI TRANSISTOR		
Q5512	RT1P44QC-X	DIGI TRANSISTOR		
Q5513	RT1P44QC-X	DIGI TRANSISTOR		
Q5514	RT1P44QC-X	DIGI TRANSISTOR		
Q5515	RT1P44QC-X	DIGI TRANSISTOR		
Q5516	RT1P44QC-X	DIGI TRANSISTOR		
Q5517	RT1N141C-X	DIGI TRANSISTOR		
Q5518	RT1N141C-X	DIGI TRANSISTOR		
Q5519	RT1N141C-X	DIGI TRANSISTOR		
Q5520	RT1N141C-X	DIGI TRANSISTOR		
Q5523	2SA1530A/RS/-X	TRANSISTOR		
Q6501	2SA1530A/RS/-X	TRANSISTOR		
Q6502	2SC3928A/RS/-X	TRANSISTOR		
Q6503	2SA1530A/RS/-X	TRANSISTOR		
Q6504	2SC3928A/RS/-X	TRANSISTOR		
Q6505	2SA1530A/RS/-X	TRANSISTOR		
Q6506	2SC3928A/RS/-X	TRANSISTOR		
Q6507	2SC3928A/RS/-X	TRANSISTOR		
Q6508	2SA1530A/RS/-X	TRANSISTOR		
Q6509	2SA1530A/RS/-X	TRANSISTOR		
Q6511	2SC3928A/RS/-X	TRANSISTOR		
Q6512	2SC3928A/RS/-X	TRANSISTOR		
Q6521	2SC3928A/RS/-X	TRANSISTOR		
Q6522	2SC3928A/RS/-X	TRANSISTOR		
D501	1SS355W-X	DIODE		
D1551	1SS355W-X	DIODE		
D1561	1SS355W-X	DIODE		
C501	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C502	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C503	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C504	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C505	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C506	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C507	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C508	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C509	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C510	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C511	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C512	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C513	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C514	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C515	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C516	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C522	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C523	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C525	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C526	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C527	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C528	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C529	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C531	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C532	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C533	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C542	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C543	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M	
C544	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C545	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C546	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C547	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C549	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1501	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1502	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1507	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1508	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1509	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1510	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1511	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C1513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1515	QETN1CM-227Z	E CAPACITOR	220uF 16V M	
C1516	QETN1CM-227Z	E CAPACITOR	220uF 16V M	
C1517	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1519	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C1521	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1522	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1523	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C1524	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C1525	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1526	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1527	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1529	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1530	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1531	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C1551	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1553	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1554	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1561	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1901	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C1902	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C1903	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1911	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1912	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1915	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1916	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1917	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1918	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1919	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1920	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1921	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2002	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2013	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2014	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2018	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2020	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2101	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2102	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2109	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2110	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2112	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2113	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2114	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2115	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2116	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2129	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2131	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2132	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2133	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2134	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2139	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2140	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2141	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2142	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2143	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2144	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2201	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2202	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2209	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2210	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2229	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2230	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2241	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2242	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2243	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2244	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2245	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2246	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2281	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2282	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2283	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2284	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2285	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2286	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2287	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2288	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2301	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2309	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2323	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2325	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2341	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2342	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2343	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2381	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2382	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2383	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2385	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2387	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2401	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2409	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2422	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2423	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2425	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2429	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2433	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2435	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2483	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2485	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2487	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2501	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2502	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2509	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2510	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2541	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2542	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2543	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2544	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2545	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2546	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2547	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2583	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2584	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2585	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2586	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2587	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2588	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2606	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2607	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2608	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2611	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2612	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2613	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2614	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2621	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2622	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2623	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2631	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2632	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2633	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2641	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2642	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2643	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2671	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2672	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2673	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2674	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2675	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2676	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2677	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2678	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2679	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2680	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2681	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2682	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2683	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C2684	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2685	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2686	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2687	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2688	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2690	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2691	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2701	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2702	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2703	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2731	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2751	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2771	QETN1EM-476Z	E CAPACITOR	47uF 25V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2781	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2782	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2783	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2784	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2785	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2786	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2787	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2788	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2861	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2862	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2863	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2867	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2868	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2869	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2881	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2884	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2885	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2901	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2902	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2911	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C2921	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2922	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2923	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2924	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2925	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2926	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2951	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2952	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2953	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2954	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2955	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C4501	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4502	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4503	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4504	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4505	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4506	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4507	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C4508	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C4509	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C4511	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4519	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4520	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C4521	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4522	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4523	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4525	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4526	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5501	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5503	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5504	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C5505	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5506	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C5507	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5509	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5510	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C5511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5512	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C5513	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5514	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5515	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5516	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C5517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5518	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C5531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5532	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5533	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5544	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5546	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5547	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C5551	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5552	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5561	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C5562	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C6501	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6502	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C6503	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6505	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6506	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6507	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6509	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C6510	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6511	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6513	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6514	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6515	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6516	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6517	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6518	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6519	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6520	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C6521	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C6522	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6524	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C6525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6527	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C6529	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6531	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6532	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6533	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6534	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6535	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6538	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6541	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6542	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6543	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6544	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6545	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C6546	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C6547	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C6549	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6550	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C6551	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6553	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6554	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C6561	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C6562	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C6563	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C6564	QEKC1HM-224Z	E CAPACITOR	0.22uF 50V M	
C6565	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6566	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6567	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6568	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6569	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6570	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C6571	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6572	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6573	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6574	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6575	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6576	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6577	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6578	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6579	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6580	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	
C6581	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6583	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C6584	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
R501	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R502	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R503	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R504	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R505	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R506	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R507	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R508	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R509	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R510	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R511	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R512	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R513	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R514	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R515	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R518	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R519	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R520	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R530	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R531	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R532	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R533	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R534	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R535	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R536	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R537	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R538	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R539	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R540	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R544	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R545	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R546	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R547	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R548	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R551	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R552	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R553	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R554	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R555	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R556	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R560	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R563	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R564	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R565	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R566	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R567	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R568	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R569	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R570	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R571	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R573	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R574	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R575	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R576	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R577	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R578	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R579	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R581	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
⚠ R582	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
⚠ R583	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
R584	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R585	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R589	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R590	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R591	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R592	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
R594	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R595	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R596	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R597	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R598	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1501	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1502	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1503	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1504	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1505	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1513	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1515	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1516	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1517	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1518	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1519	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1520	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1521	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1522	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1525	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1527	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1530	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1531	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1532	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1536	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1537	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1538	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1542	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1551	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1552	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1553	NRSA63J-514X	MG RESISTOR	510kΩ 1/16W J	
R1554	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1555	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1556	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1561	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1562	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1563	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1564	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1565	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1901	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1911	NRSA63J-106X	MG RESISTOR	10MΩ 1/16W J	
R1912	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1913	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1914	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R1915	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1916	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1917	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1920	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1921	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1922	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1923	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1924	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1925	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2001	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2011	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2012	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2013	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2014	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2017	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2018	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2021	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2022	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2023	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2024	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2109	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2110	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2113	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2114	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2116	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2121	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2122	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2123	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2128	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2129	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2130	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2131	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2132	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2133	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2134	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2135	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2136	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2137	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2138	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2139	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2140	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2141	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2142	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2145	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2146	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2147	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2203	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2204	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2209	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2210	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2221	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2222	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2225	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2226	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2227	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2241	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2242	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2243	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2244	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2281	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2282	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2283	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2284	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2285	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2286	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2287	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2288	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2289	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2290	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2291	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2292	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2301	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2303	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2321	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2323	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2341	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2345	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2347	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2381	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2383	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2385	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2387	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2389	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2391	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2403	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2409	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2411	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2421	NRSA63J-112X	MG RESISTOR	1.1kΩ 1/16W J	
R2423	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2424	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2425	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2426	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2427	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2433	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2434	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2481	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2483	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2485	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2487	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2489	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2491	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2502	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2503	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2509	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2510	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2544	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2581	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2582	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2583	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2584	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2585	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2586	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2587	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2588	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2589	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2590	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2591	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2592	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2601	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2602	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2603	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2604	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2614	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2621	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2623	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2624	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2625	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2626	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2627	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2628	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2629	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2632	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2633	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2636	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2637	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2638	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2639	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2640	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2641	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2642	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2643	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2644	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2671	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2673	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2681	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2682	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2683	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2684	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2685	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2686	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2687	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2688	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2701	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2702	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2704	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2705	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2706	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2707	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2714	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2716	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2724	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2725	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2726	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2727	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2728	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2731	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2732	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2733	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2734	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2735	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2736	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2737	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2738	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2739	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2740	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2741	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2742	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2743	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2744	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2745	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2752	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2761	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2762	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2763	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2771	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2772	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2773	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2781	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2782	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2783	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2784	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2785	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2786	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2787	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2788	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2789	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2790	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2791	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2792	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2861	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2862	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2863	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2864	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R2865	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R2868	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2871	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2872	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2873	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2874	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2875	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2921	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2922	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2936	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2937	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2942	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2943	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4501	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4502	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4503	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4504	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4505	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4506	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4507	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R4508	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4509	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4521	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4522	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R4533	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5501	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5502	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5503	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5504	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5505	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5506	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5507	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5508	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5509	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5510	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5511	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5512	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5513	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5514	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5515	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5516	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5517	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5518	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R5521	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R5522	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R5523	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R5524	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R5525	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R5526	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R5527	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R5528	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R5529	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R5530	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5531	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5533	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5535	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5536	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5537	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5540	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5555	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5556	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R5561	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6503	NRSA63J-361X	MG RESISTOR	360Ω 1/16W J	
R6504	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6505	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R6506	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R6507	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6508	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R6511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6512	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R6513	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6516	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6517	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R6518	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6520	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R6521	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6523	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R6524	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6525	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6526	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6527	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6528	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6532	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6533	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6537	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6538	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6539	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6540	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6542	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6543	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6544	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R6545	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6551	NRSA63J-132X	MG RESISTOR	1.3kΩ 1/16W J	
R6552	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6553	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6554	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6555	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6556	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6558	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R6559	NRSA63J-361X	MG RESISTOR	360Ω 1/16W J	
R6560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6561	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6562	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6563	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R6564	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R6565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6566	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6567	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L1911	NQL085J-100X	COIL	10uH J	
L5501	QQL244K-100Z	COIL	10uH K	
L5502	QQL244K-100Z	COIL	10uH K	
L6501	QQL244K-100Z	COIL	10uH K	
L6502	QQL244K-100Z	COIL	10uH K	
L6503	NQL085J-100X	COIL	10uH J	
L6504	NQL085J-100X	COIL	10uH J	
L6505	NQL085J-100X	COIL	10uH J	
L6506	NQL085J-100X	COIL	10uH J	
L6507	NQL085J-220X	COIL	22uH J	
L6508	NQL085J-6R8X	COIL	6.8uH J	
L6509	NQL085J-6R8X	COIL	6.8uH J	
CN502	QGF1205C2-11	CONNECTOR	FFC/FPC (1-11)	
CN503	QGB1224J1-11	CONNECTOR	B-B (1-11)	
CN504	QGF1205C2-11	CONNECTOR	FFC/FPC (1-11)	
CN506	QGA2001C1-09	CONNECTOR	W-B (1-9)	
CN507	QGA2001C1-07	CONNECTOR	W-B (1-7)	
CN508	QGA2501C1-07	CONNECTOR	W-B (1-7)	
CN509	QGA2501C1-11	CONNECTOR	W-B (1-11)	
CN513	QGB1224K1-11	CONNECTOR	B-B (1-11)	
CN521	QJK002-021102-E	SIN CR C-B WIRE		
CN524	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN525	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN526	QGB2510K1-11	CONNECTOR	B-B (1-11)	
CN527	QGB2510K1-12	CONNECTOR	B-B (1-12)	
CN528	QGF1205C2-07	CONNECTOR	FFC/FPC (1-7)	
CN533	QGA2001F1-04	CONNECTOR	W-B (1-4)	
CN534	QGB2510K1-12	CONNECTOR	B-B (1-12)	
CN535	QGB2510K1-12	CONNECTOR	B-B (1-12)	
CN661	QGA2501F1-03	CONNECTOR	W-B (1-3)	
CN662	QGA2501F1-05	CONNECTOR	W-B (1-5)	
CN681	QGF1205C2-11	CONNECTOR	FFC/FPC (1-11)	
CN683	QGB2510J1-11	CONNECTOR	B-B (1-11)	
CN911	QGA2001C1-04	CONNECTOR	W-B (1-4)	
CN921	QGA2501C1-03	CONNECTOR	W-B (1-3)	
EP501	QNZ0136-001Z	EARTH PLATE		
EP681	E409182-001SM	GRAND TERMINAL		
EP911	QNZ0136-001Z	EARTH PLATE		
FW505	WJS0048-003A-E	E-FL/RB WIRE		
FW523	WJS0077-001A-E	E-FL/RB WIRE		
J501	QNN0476-001	PIN JACK		
J502	QNN0476-001	PIN JACK		
J503	QNN0476-001	PIN JACK		
J505	QNN0480-001	PIN JACK		
J681	QNN0481-001	SURROUND JACK		
J1901	QNS0247-001	JACK		
J1902	QNZ0783-002	USB CONNECTOR		
J4501	QNN0782-001	PIN JACK		
J5501	QNN0570-001	PIN JACK		
J5502	QNN0570-001	PIN JACK		
J5503	QNN0570-001	PIN JACK		
K2861	NQR0269-004X	FERRITE BEADS		
UN682	TORX177	OPT RECEIVER		
UN683	TORX177	OPT RECEIVER		
X501	QAX0246-001Z	C RESONATOR	8.00MHz	
X661	QAX0722-001Z	CRYSTAL	24.576MHz	
X671	QAX0719-001Z	C RESONATOR	6.144MHz	
X1911	QAX0320-001Z	CRYSTAL	12.000MHz	
X6501	QAX0880-001Z	CRYSTAL		
X6502	QAX0880-001Z	CRYSTAL		
X6503	QAX0687-001	C RESONATOR	503.50kHz	

XM board

Block No. [0][4]

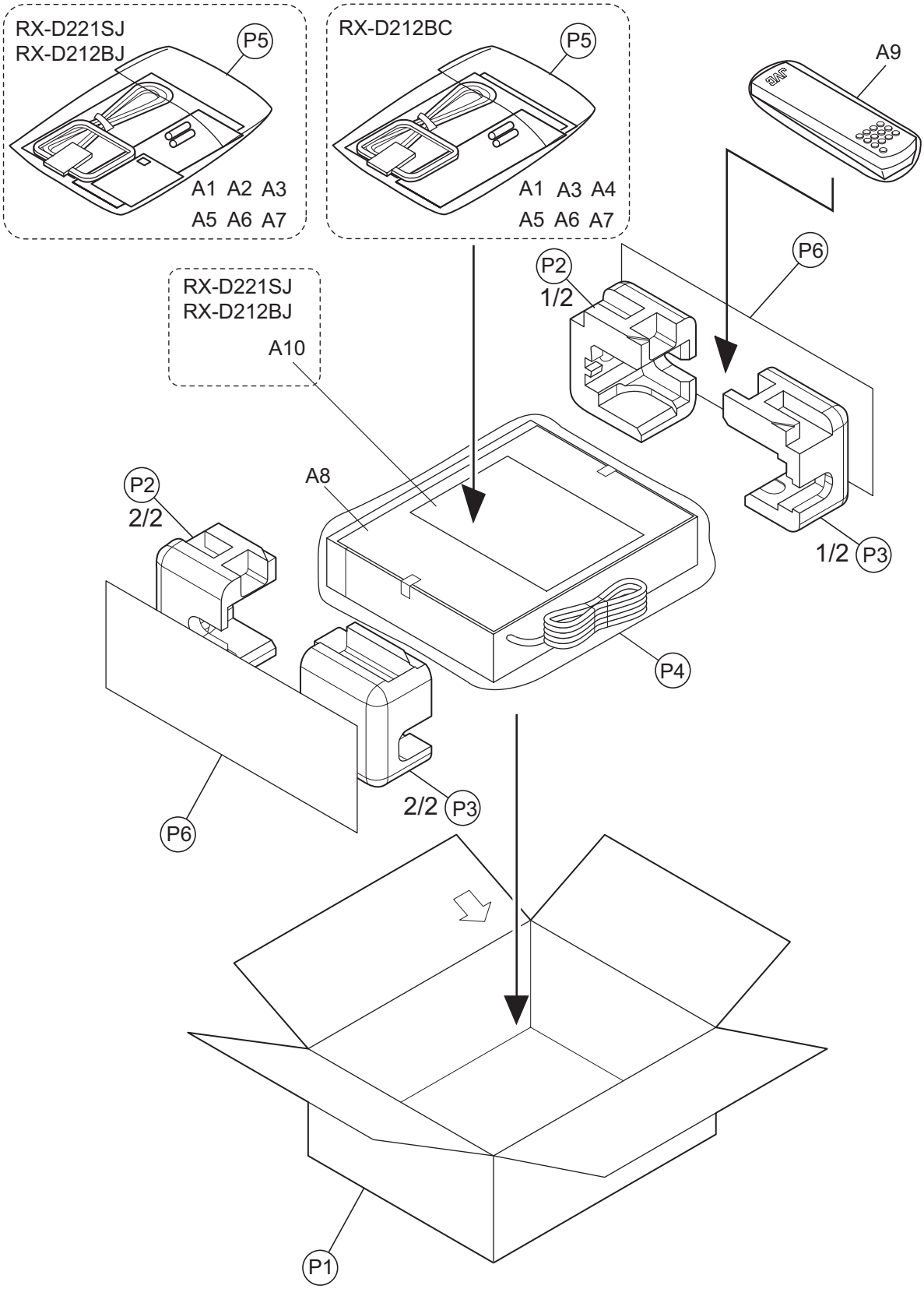
⚠ Symbol No.	Part No.	Part Name	Description	Local
IC991	F2602E-01-W	IC		
IC992	DIT4096IPW-X	IC(DIGITAL)		
Q9001	KTA1046/Y/	TRANSISTOR		
Q9002	RT1N141C-X	DIGI TRANSISTOR		
Q9003	RT1N144C-X	DIGI TRANSISTOR		
Q9004	RT1N144C-X	DIGI TRANSISTOR		
D9001	UDZW5.1B-X	SB DIODE		
D9002	UDZW5.1B-X	SB DIODE		
D9003	UDZW5.1B-X	SB DIODE		
D9004	UDZW5.1B-X	SB DIODE		
D9005	1SS355W-X	DIODE		
C9001	NDC31HJ-200X	C CAPACITOR	20pF 50V J	
C9002	NDC31HJ-200X	C CAPACITOR	20pF 50V J	
C9003	NDC31HJ-200X	C CAPACITOR	20pF 50V J	
C9004	NDC31HJ-200X	C CAPACITOR	20pF 50V J	
C9005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9007	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9011	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9012	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	
C9013	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	
C9014	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C9015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9017	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9019	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C9020	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9021	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R9001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9005	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9006	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9007	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9009	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9010	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9011	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9012	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9013	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9015	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R9016	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R9017	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R9018	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R9019	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R9021	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9022	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R9025	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R9026	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9027	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9029	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R9030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9001	NQL085J-1R0X	OSC COIL	1uH J	
L9002	NQL085J-1R0X	OSC COIL	1uH J	
BK991	LV36915-002A	EARTH BKT(C)		
CN538	QGF1205F2-07	CONNECTOR	FFC/FPC (1-7)	
CN993	WJP0072-002A-E	E-SH C WIRE C-B		
J9001	NNZ0169-001X	I/F CONNECTOR		
X9001	NAX0161-002X	CRYSTAL		

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available



Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	LVT1557-001A	INST BOOK	ENG	D211SJ,D212BJ
	A 1	LVT1557-002A	INST BOOK	ENG FRE	D212BC
	A 2	BT-51034-2	REGISTRATION CARD		D211SJ,D212BJ
	A 3	YU20333	SAFETY INST.		
	A 4	----------	WARRANTY CARD	BT-52006-2	D212BC
	A 5	QAL0476-002	AM LOOP ANT		
	A 6	QAL0457-001	ANT.WIRE		
	A 7	----------	BATTERY	1.5V(x2)	
	A 8	LV30256-015A	SHEET		
	A 9	RM-SRXD211J	REMOCON		
	A10	LVT1590-001A	GUIDE SHEET		D211SJ,D212BJ
	P 1	LV22331-015A	CARTON BOX		D211SJ
	P 1	LV22331-016A	CARTON BOX		D212BJ
	P 1	LV22331-017A	CARTON BOX		D212BC
	P 2	LV21926-001A	CUSHION(FRONT)		
	P 3	LV21927-001A	CUSHION(REAR)		
	P 4	QPC06507015P	POLY BAG	65cm x 70cm	
	P 5	QPA02503505P	POLY BAG	25cm x 35cm	
	P 6	LV32034-017A	SHEET	(x2)	

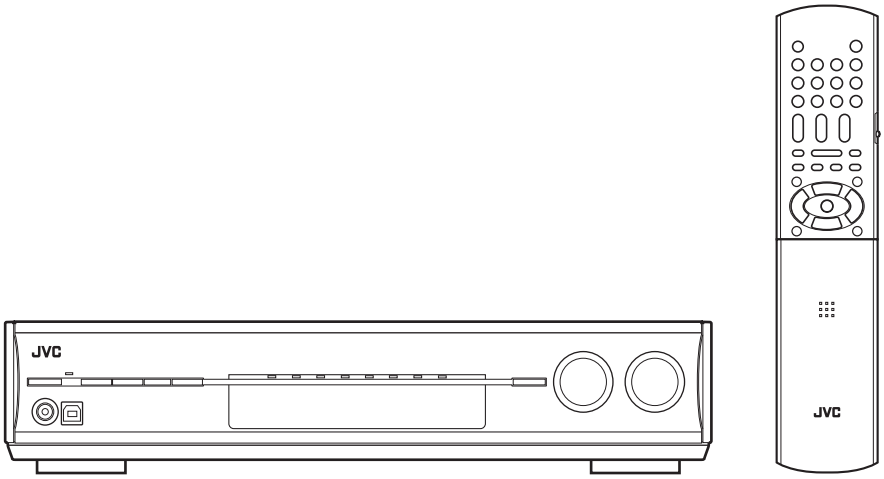
JVC

SCHEMATIC DIAGRAMS

AUDIO/VIDEO CONTROL RECEIVER

RX-D211SJ,RX-D212BJ,RX-D212BC

CD-ROM No.SML200605



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

Block diagrams ---------- 2-1
Standard schematic diagrams ---------- 2-3
Printed circuit boards ---------- 2-23 to 33

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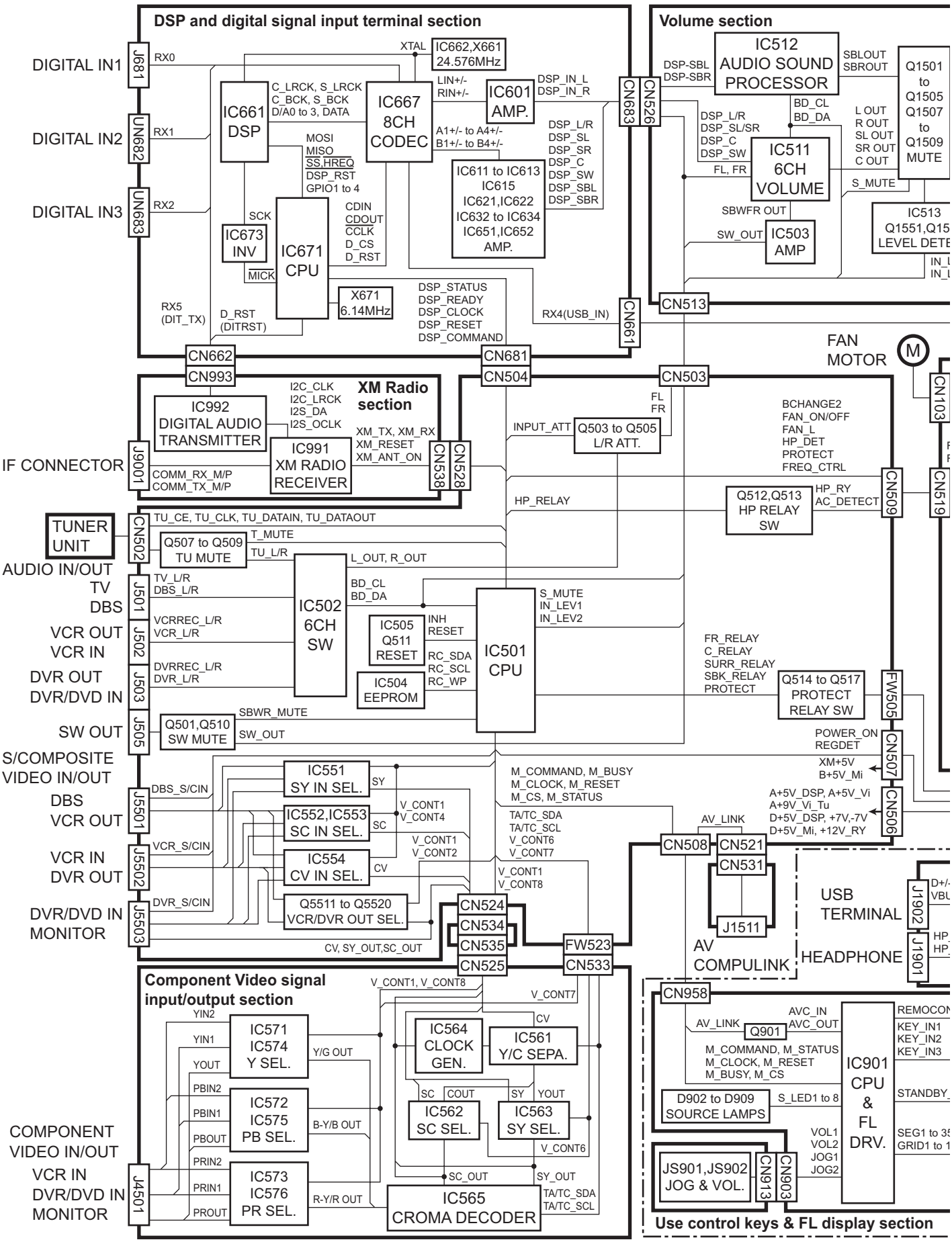
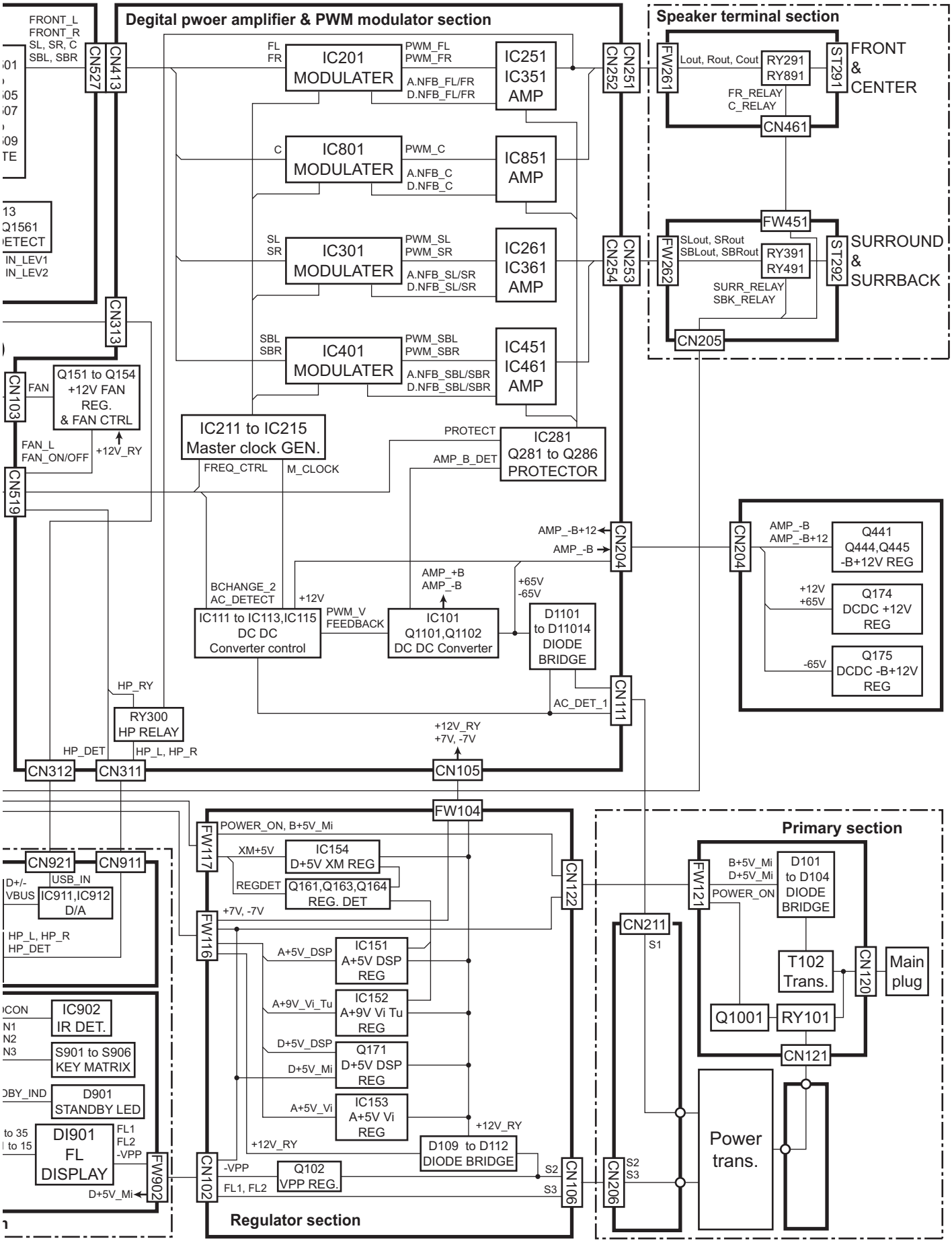
No.MB525SCH
2006/5

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.

< MEMO >

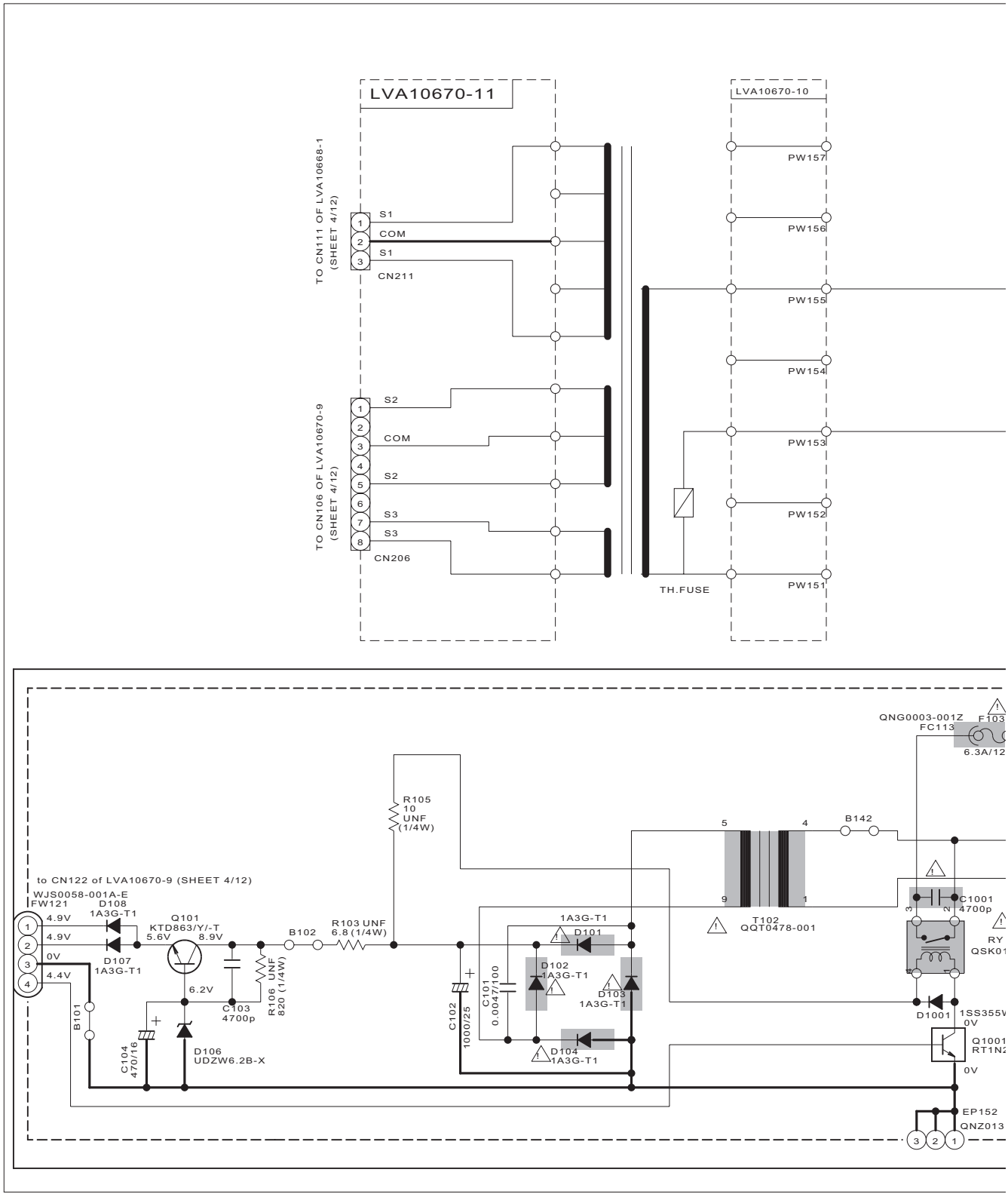
Block diagram

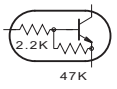



Digital pwoer amplifier & PWM modulator section
Speaker terminal section
FRONT_L
FRONT_R
SL, SR, C
SBL, SBR
CN527
CN413
FL
FR
IC201
MODULATER
PWM_FL
PWM_FR
A.NFB_FL/FR
D.NFB_FL/FR
IC251
IC351
AMP
CN251
CN252
FW261
Lout, Rout, Cout
RY291
RY891
ST291
FRONT
&
CENTER
FR_RELAY
C_RELAY
CN461
C
IC801
MODULATER
PWM_C
A.NFB_C
D.NFB_C
IC851
AMP
FW451
SL
SR
IC301
MODULATER
PWM_SL
PWM_SR
A.NFB_SL/SR
D.NFB_SL/SR
IC261
IC361
AMP
CN253
CN254
FW262
SLout, SRout
SBLout, SBRout
RY391
RY491
ST292
SURROUND
&
SURRBACK
SURR_RELAY
SBK_RELAY
CN205
SBL
SBR
IC401
MODULATER
PWM_SBL
PWM_SBR
A.NFB_SBL/SBR
D.NFB_SBL/SBR
IC451
IC461
AMP
CN313
CN103
FAN
Q151 to Q154
+12V FAN
REG.
& FAN CTRL
FAN_L
FAN_ON/OFF
+12V_RY
IC211 to IC215
Master clock GEN.
FREQ_CTRL
M_CLOCK
PROTECT
AMP_B_DET
IC281
Q281 to Q286
PROTECTOR
CN519
AMP_-B+12
AMP_-B
CN204
CN204
AMP_-B
AMP_-B+12
Q441
Q444,Q445
-B+12V REG
BCHANGE_2
AC_DETECT
+12V
AMP_+B
AMP_-B
+65V
-65V
+12V
+65V
Q174
DCDC +12V
REG
IC111 to IC113,IC115
DC DC
Converter control
PWM_V
FEEDBACK
IC101
Q1101,Q1102
DC DC Converter
D1101
to D11014
DIODE
BRIDGE
-65V
Q175
DCDC -B+12V
REG
HP_RY
RY300
HP RELAY
AC_DET_1
CN111
+12V_RY
+7V, -7V
HP_DET
HP_L, HP_R
CN312
CN311
CN105
FW104
Primary section
POWER_ON, B+5V_Mi
FW117
XM+5V
IC154
D+5V XM REG
REGDET
Q161,Q163,Q164
REG. DET
CN122
FW121
B+5V_Mi
D+5V_Mi
POWER_ON
D101
to D104
DIODE
BRIDGE
CN921
CN911
USB_IN
D+/-
VBUS
IC911,IC912
D/A
HP_L, HP_R
HP_DET
+7V, -7V
FW116
CN211
S1
A+5V_DSP
IC151
A+5V DSP
REG
T102
Trans.
CN120
Main
plug
A+9V_Vi_Tu
IC152
A+9V Vi Tu
REG
Q1001
RY101
D+5V_DSP
D+5V_Mi
Q171
D+5V DSP
REG
CN121
A+5V_Vi
IC153
A+5V Vi
REG
+12V_RY
IC902
IR DET.
S901 to S906
KEY MATRIX
D901
STANDBY LED
DI901
FL
DISPLAY
FL1
FL2
-VPP
D+5V_Mi
FW902
+12V_RY
D109 to D112
DIODE BRIDGE
Power
trans.
-VPP
FL1, FL2
Q102
VPP REG.
CN102
S2
S3
CN106
CN206
S2
S3
Regulator section

Standard schematic diagrams

■ Primary section

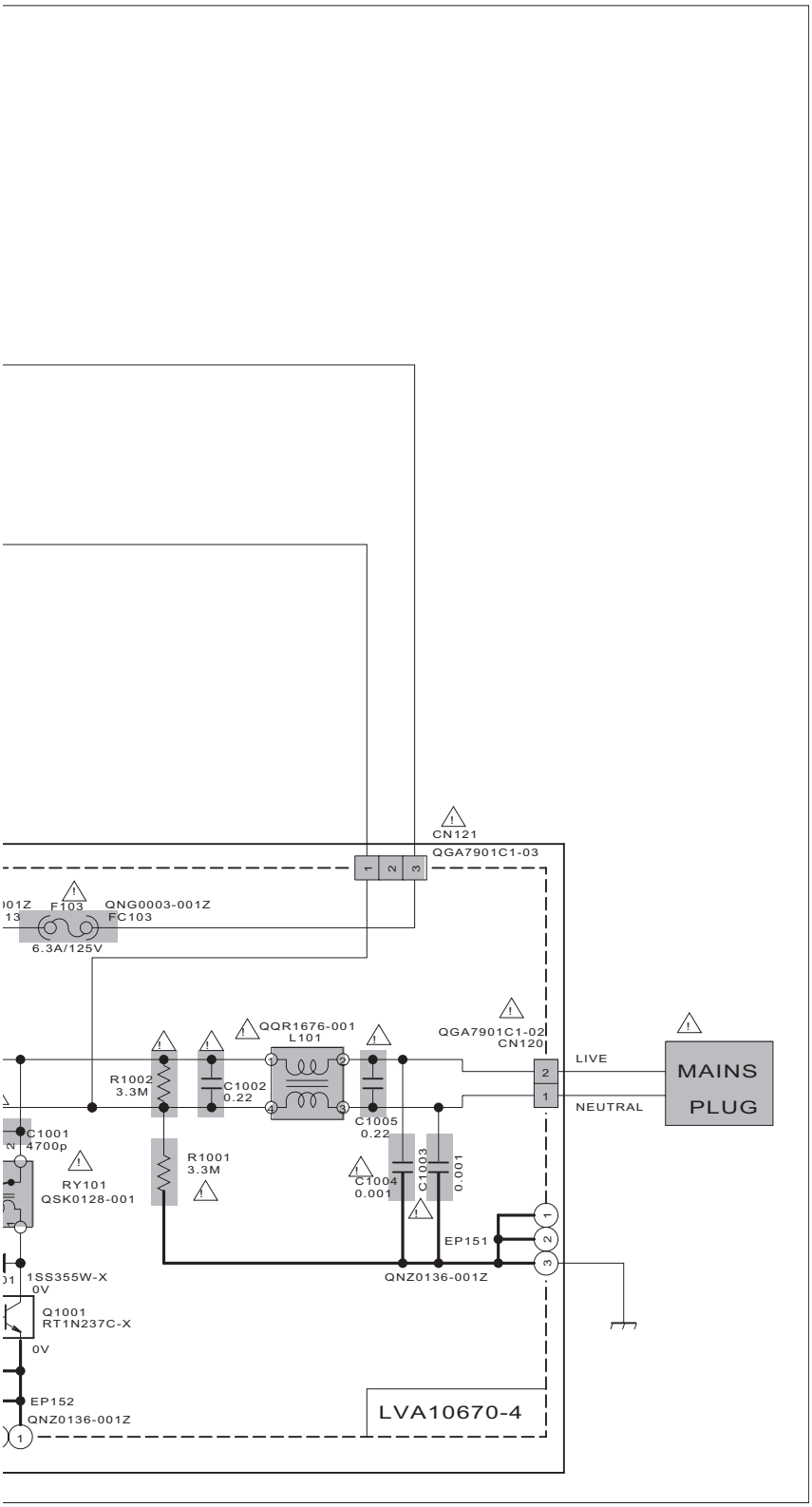




RT1N237C-X

	Fuse
F103	QMF51U1-6R3-J8

⚠ Parts
Wher
sure t

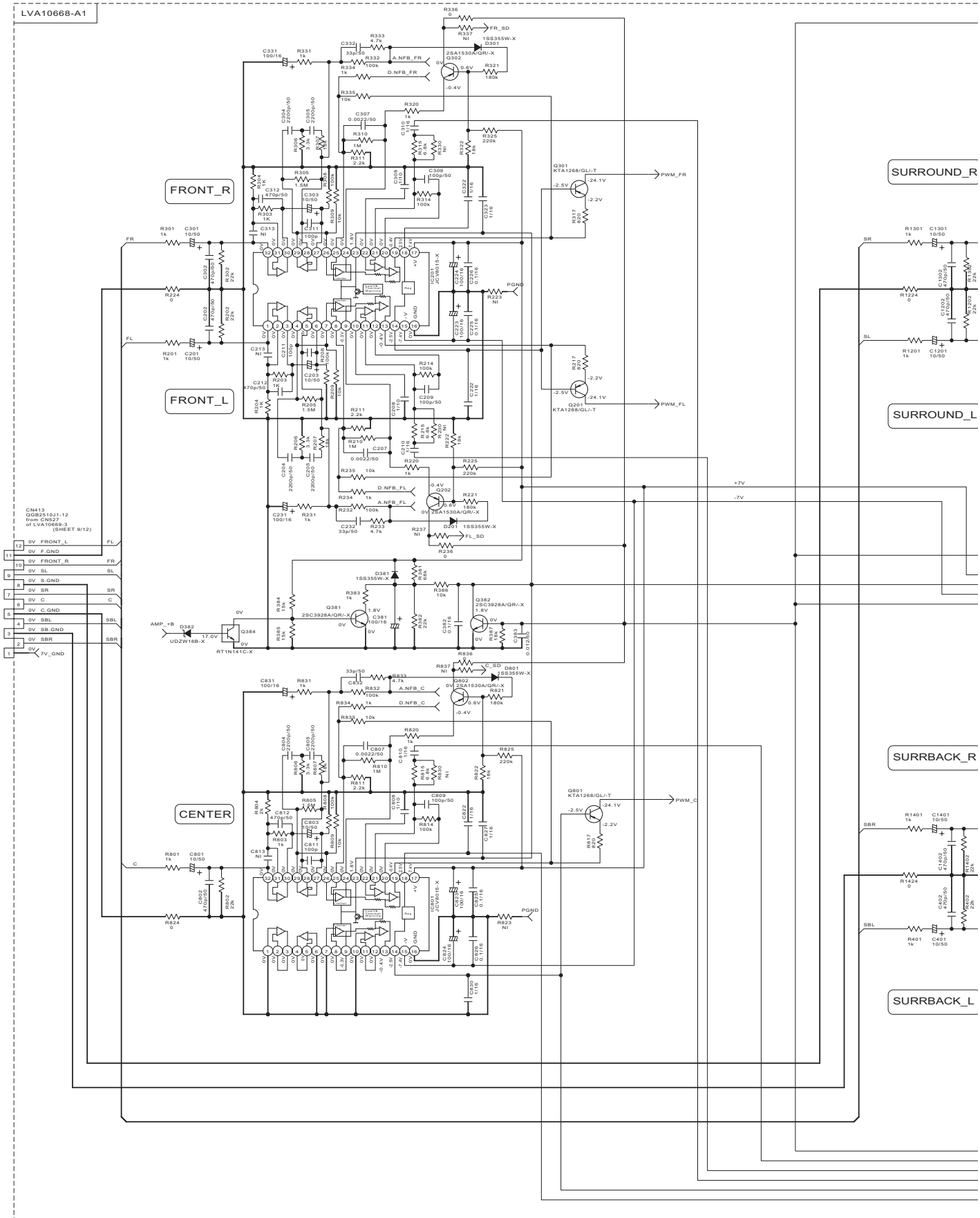


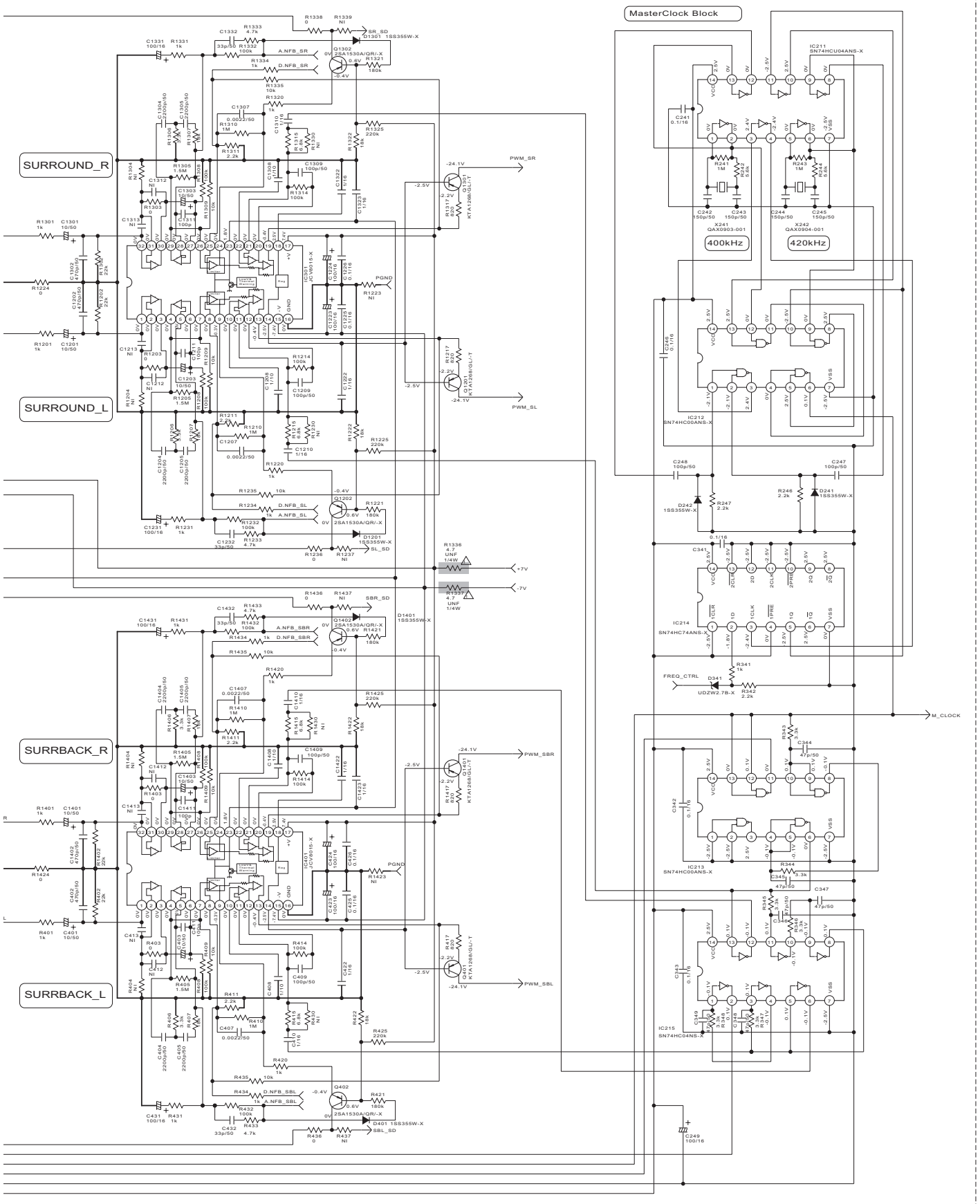
⚠ Parts are safety assurance parts.
When replacing those parts make sure to use the specified one.

VOLTAGE MEASUREMENT CONDITION

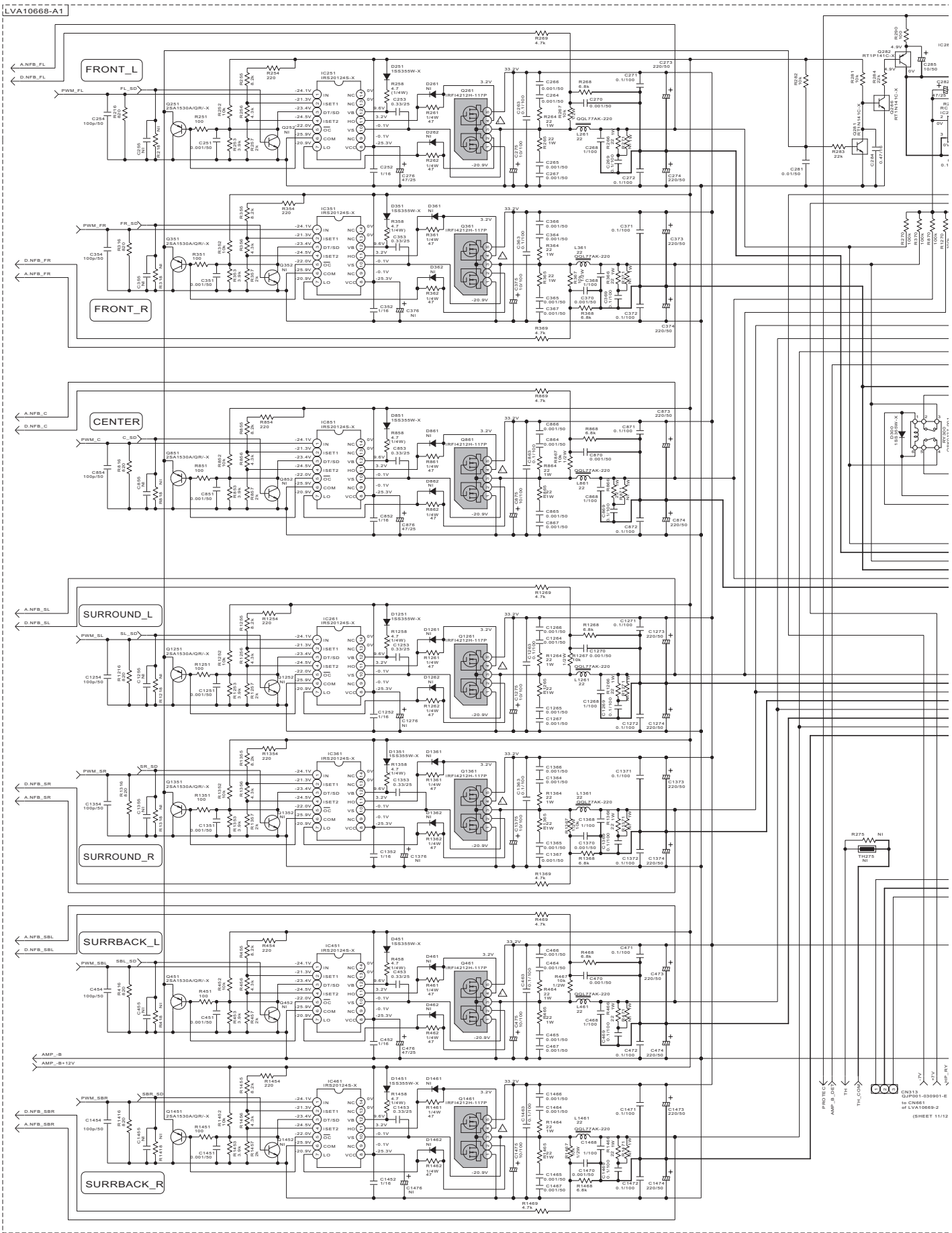
- POWER ON
- SOURCE FM(NO SIGNAL)
- SURROUND OFF
- VOLUME 0

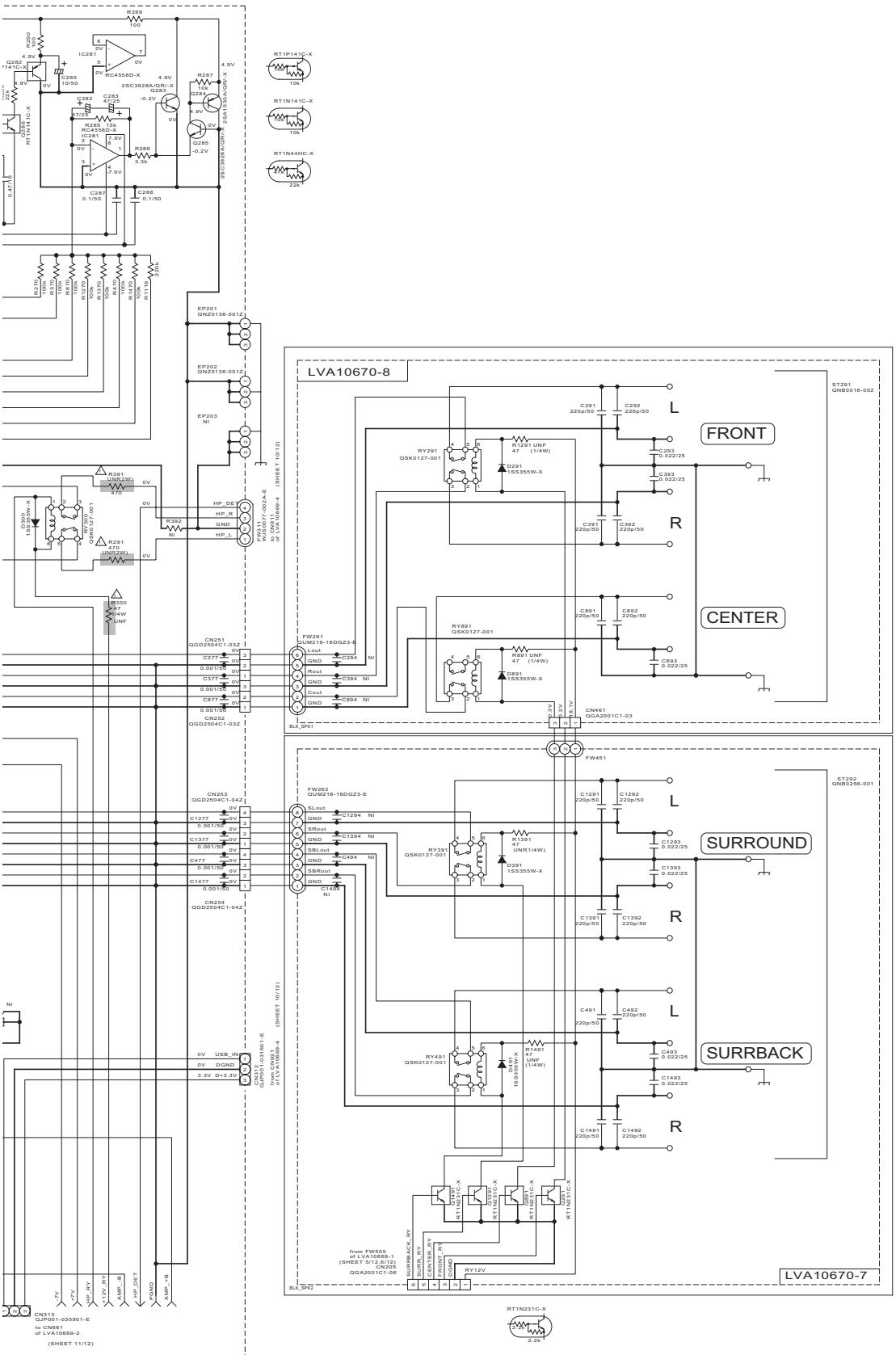
■ PWM modulator / Master clock section




MasterClock Block
SURROUND_R
SURROUND_L
SURRBACK_R
SURRBACK_L
400kHz
420kHz
M_CLOCK
PWM_SR
PWM_SL
PWM_SBR
PWM_SBL
SR_SD
SL_SD
SBR_SD
SBL_SD
IC211 SN74HCU04ANS-X
IC212 SN74HC00ANS-X
IC214 SN74HC74ANS-X
IC213 SN74HC00ANS-X
IC215 SN74HC04NS-X
X241 QAX0903-001
X242 QAX0904-001
FREQ_CTRL
+7V
-7V
PGND

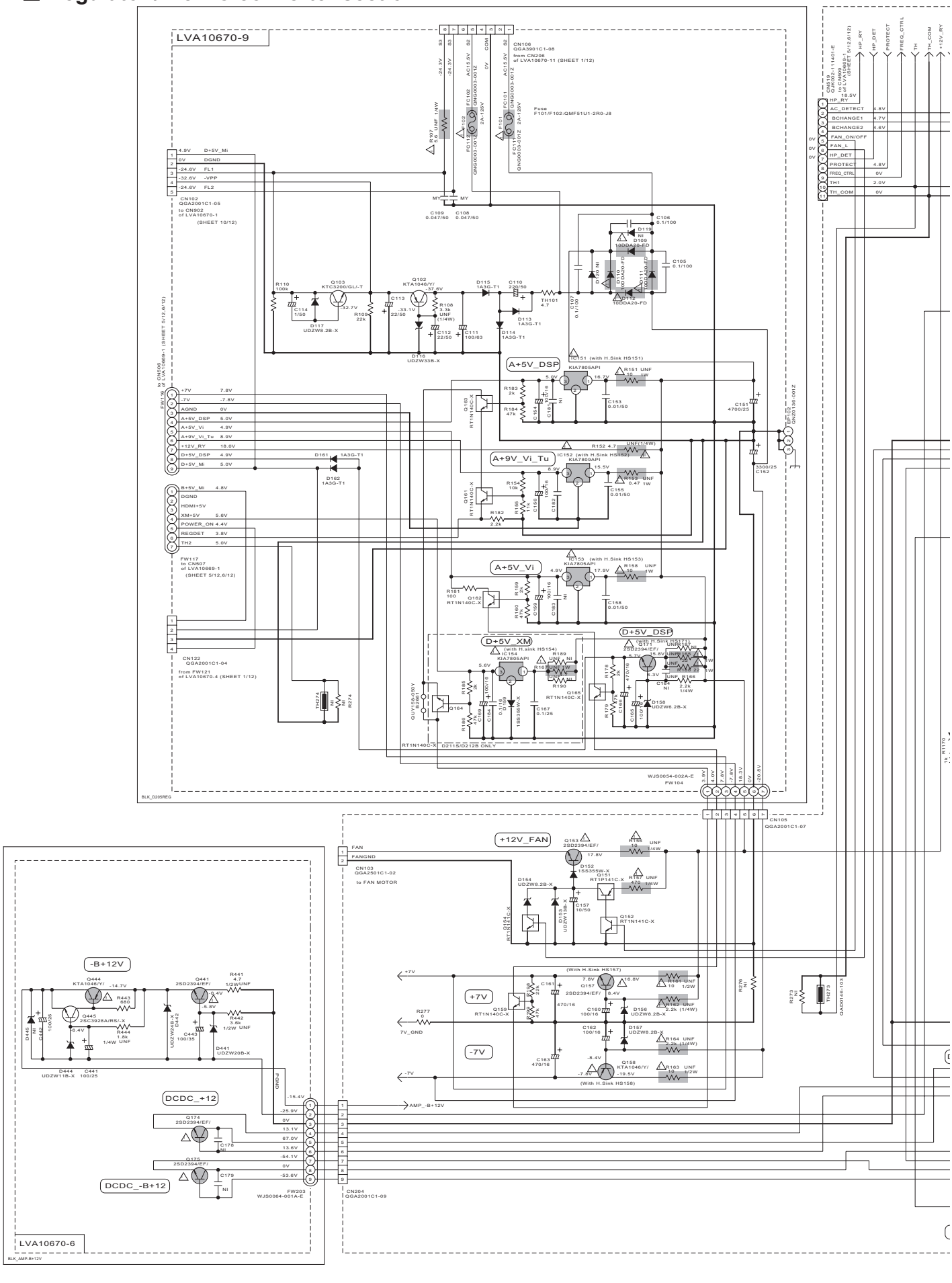
■ Digital power amplifier / Speaker terminal section

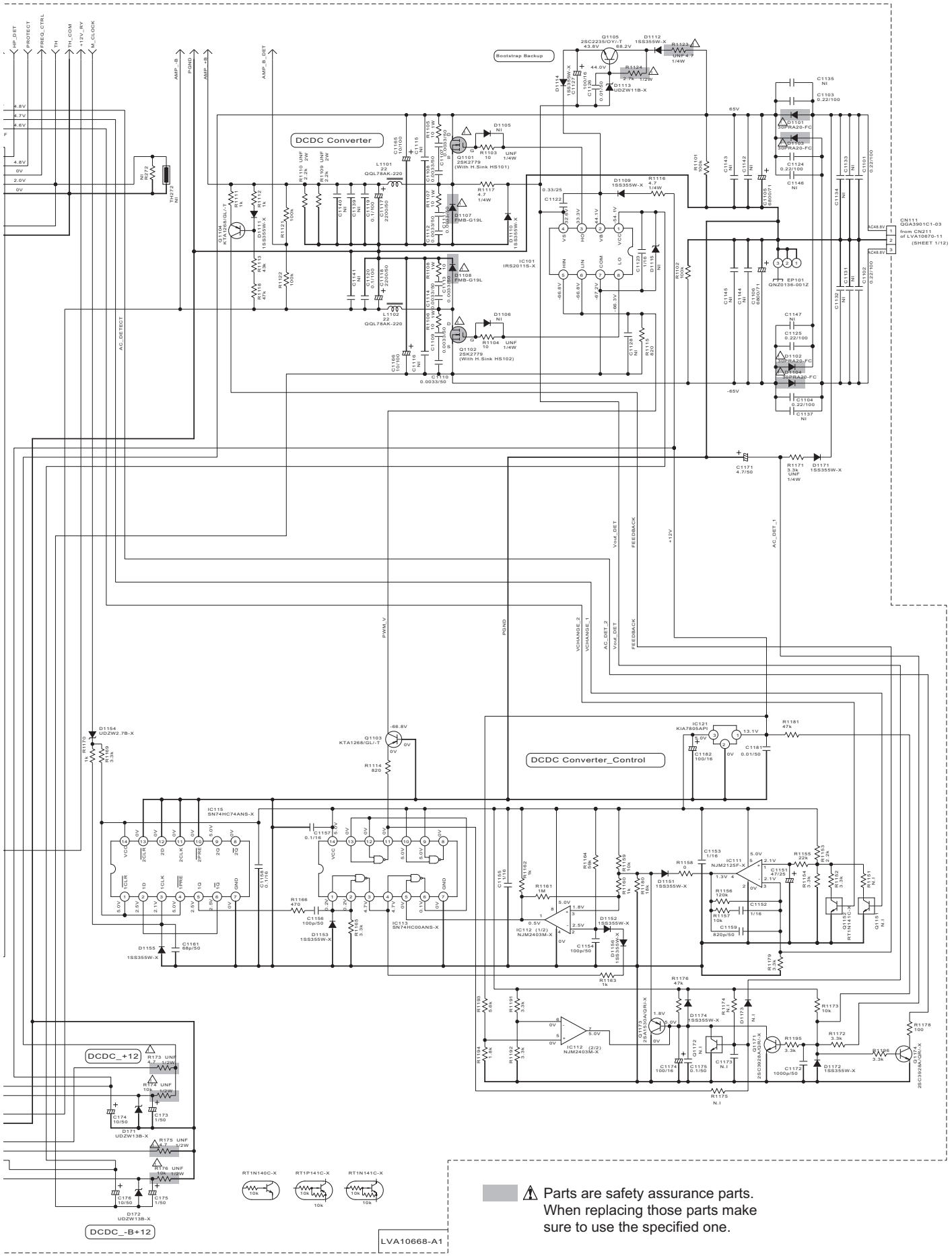




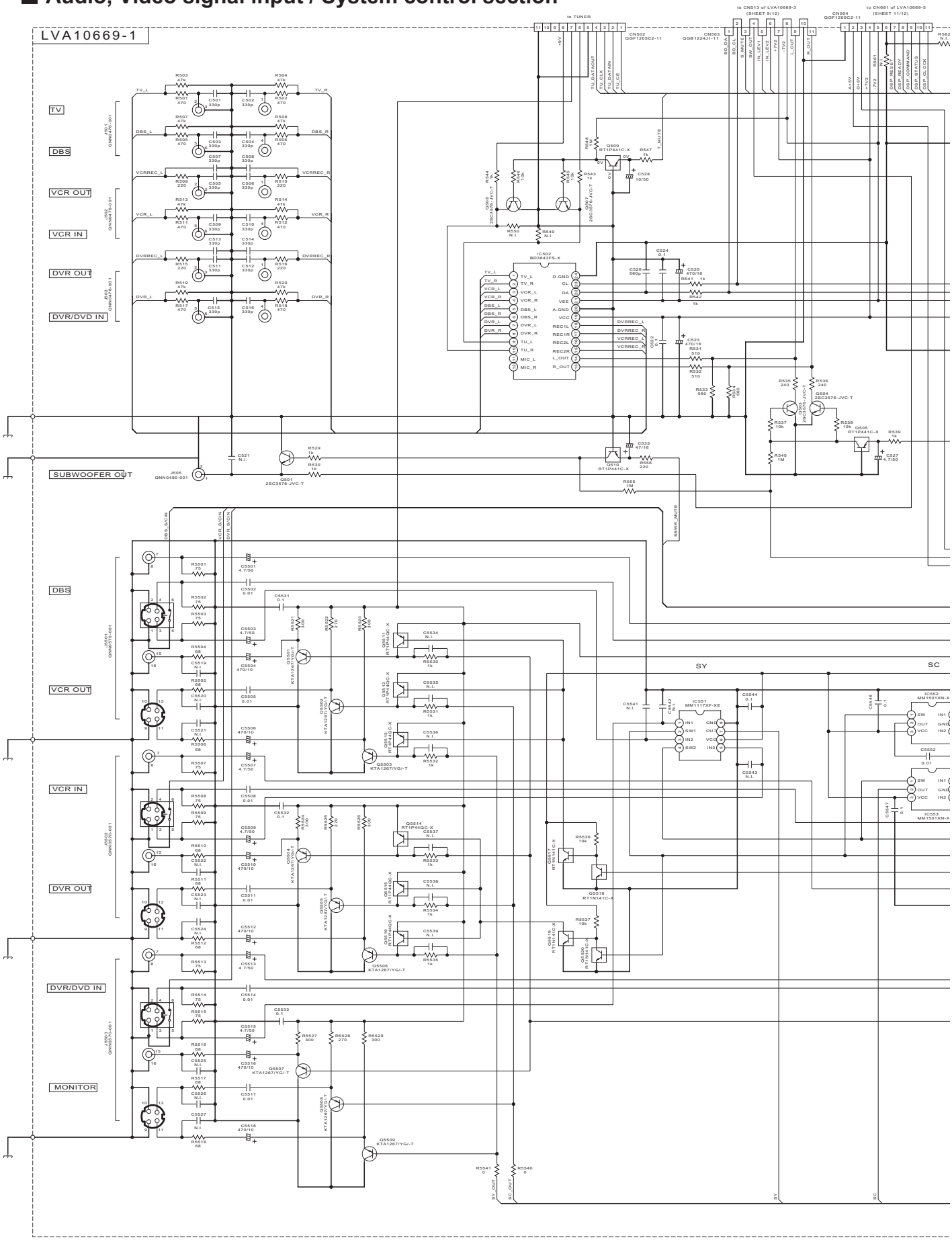
Parts are safety assurance parts.
When replacing those parts make
sure to use the specified one.

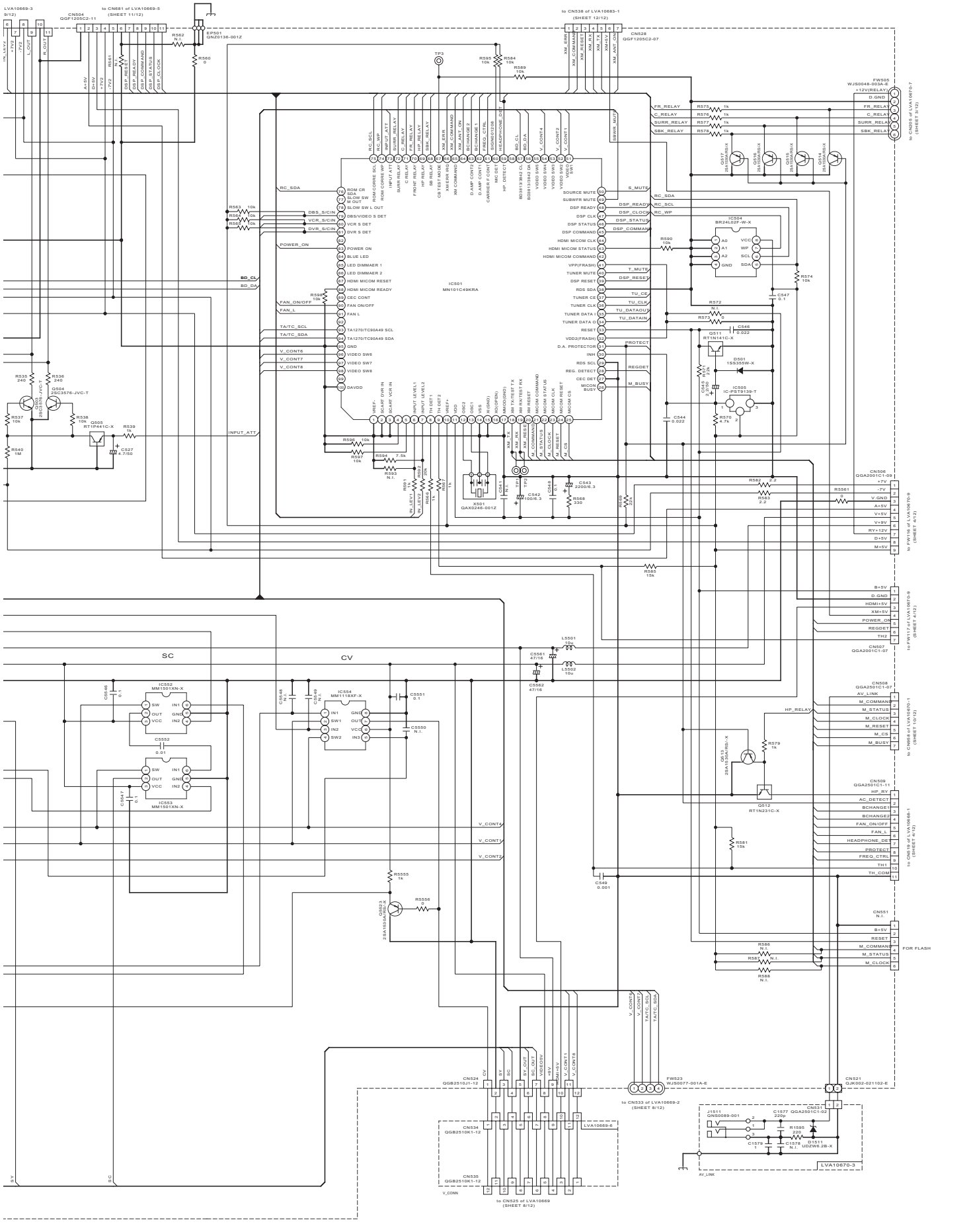
■ Regulator / Dc-DC converter section



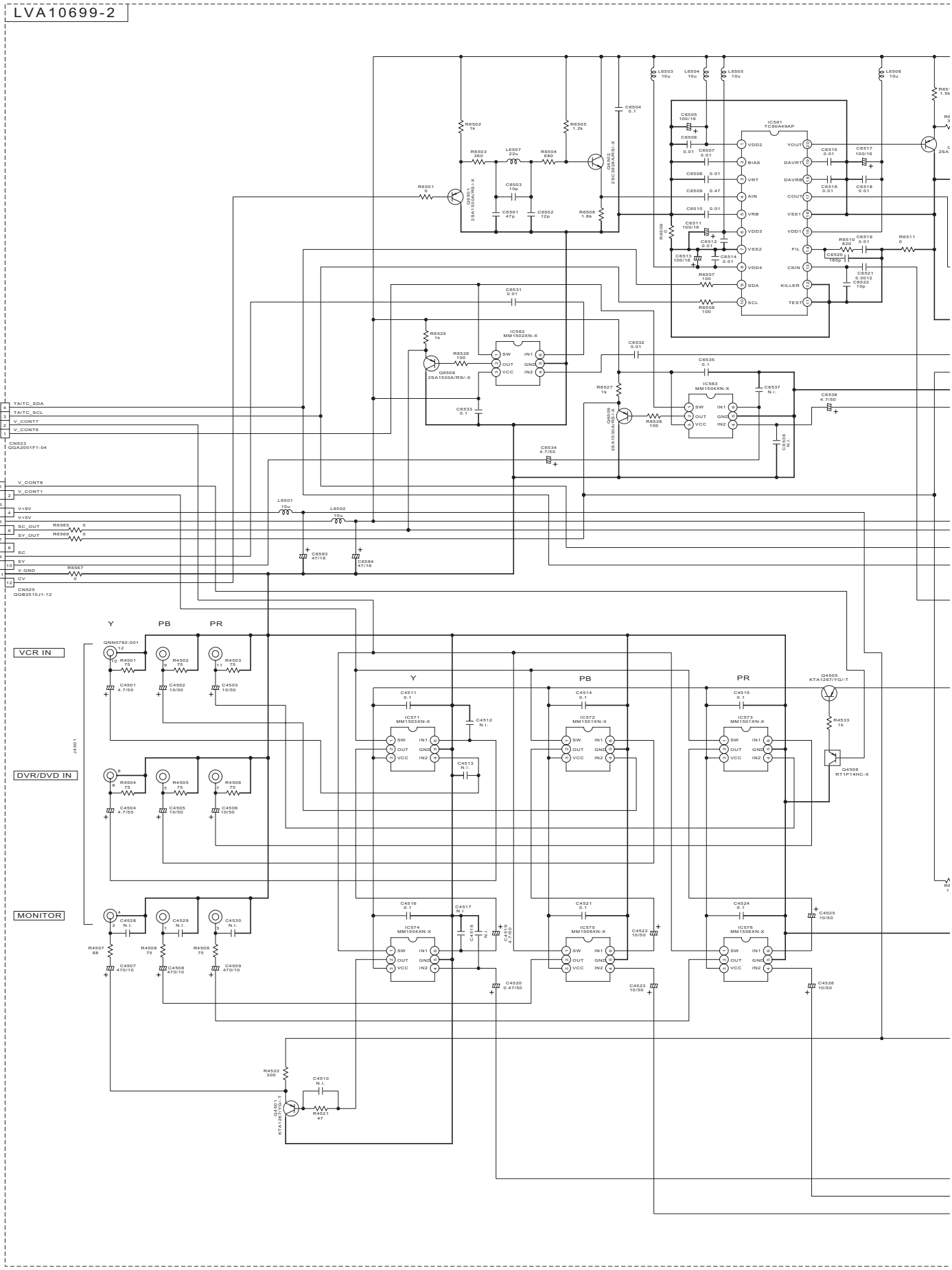

DCDC Converter
DCDC Converter_Control
Bootstrap Backup
IC101 IRS20115-X
IC115 SN74HC74ANS-X
IC113 SN74HC00ANS-X
IC112 (1/2) NJM2403M-X
IC112 (2/2) NJM2403M-X
IC111 NJM2125F-X
IC121 KIA7805API
Q1101 2SK2779 (With H.Sink HS101)
Q1102 2SK2779 (With H.Sink HS102)
Q1103 KTA1268/GL/-T
Q1104 KTA1268/GL/-T
Q1105 2SC2235/OY/-T
D1101 SUPRA20-FC
D1102 SUPRA20-FC
D1103 SUPRA20-FC
D1104 SUPRA20-FC
D1105 NI
D1106 NI
D1107 FMB-G19L
D1108 FMB-G19L
D1109 1SS355W-X
D1110 1SS355W-X
D1112 1SS355W-X
D1113 UDZW11B-X
D1114 1SS355W-X
D1151 1SS355W-X
D1152 1SS355W-X
D1153 1SS355W-X
D1154 UDZW2.7B-X
D1155 1SS355W-X
D1156 1SS355W-X
D1172 1SS355W-X
D1174 1SS355W-X
D171 UDZW13B-X
D172 UDZW13B-X
L1101 22 QQL78AK-220
L1102 22 QQL78AK-220
EP101 QNZ0136-001Z
CN111 QGA3901C1-03
from CN211 of LVA10670-11 (SHEET 1/12)
DCDC_+12
DCDC_-B+12
RT1N140C-X
RT1P141C-X
RT1N141C-X
HP_DET
PROTECT
FREQ_CTRL
TH
TH_COM
+12V_RY
M_CLOCK
AMP_-B
PGND
AMP_+B
AMP_B_DET
AC_DETECT
PWM_V
VCHANGE_2
VCHANGE_1
AC_DET_2
Vout_DET
FEEDBACK
+12V
AC_DET_1
LVA10668-A1
Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

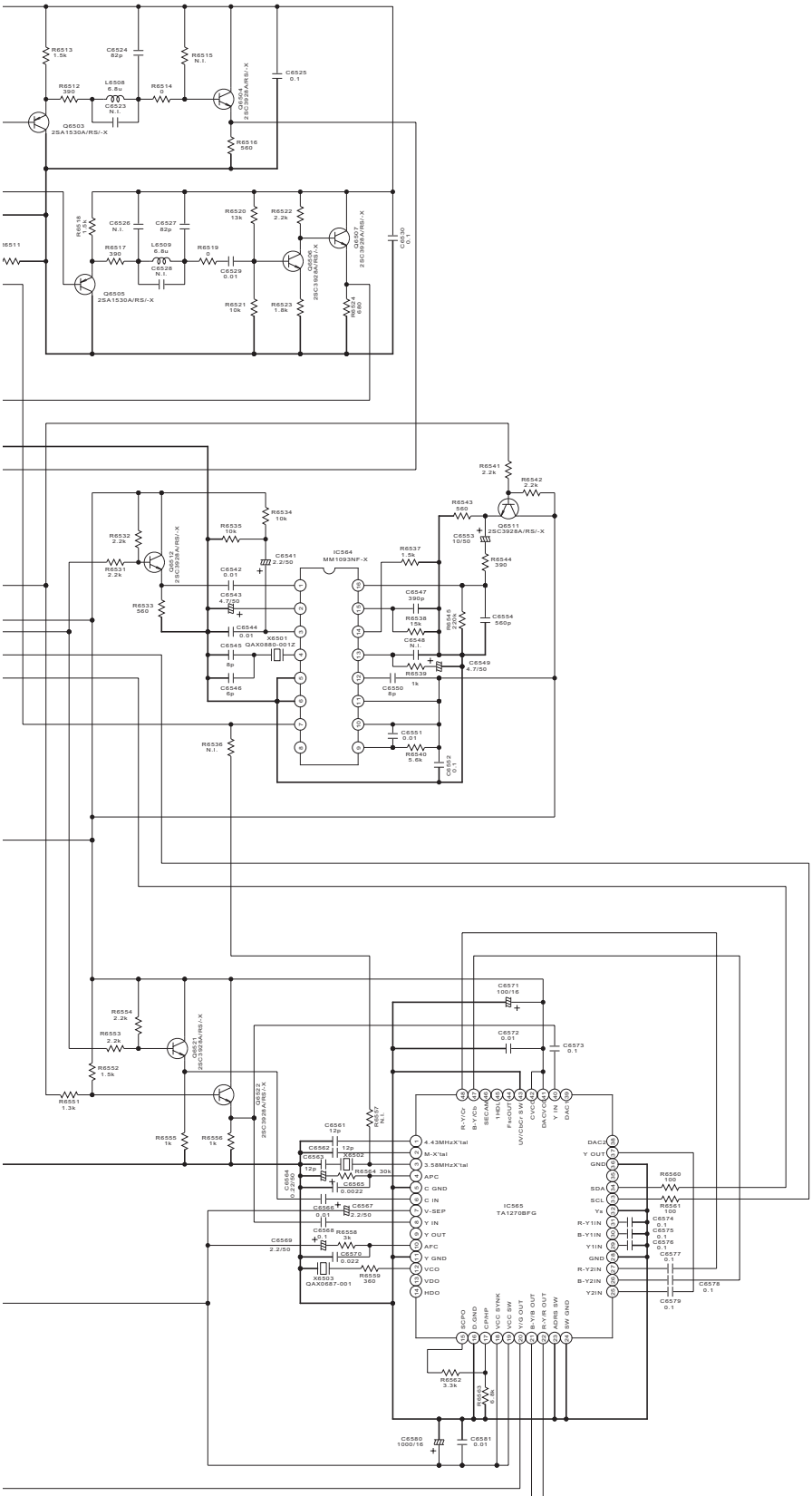
■ Audio, Video signal input / System control section



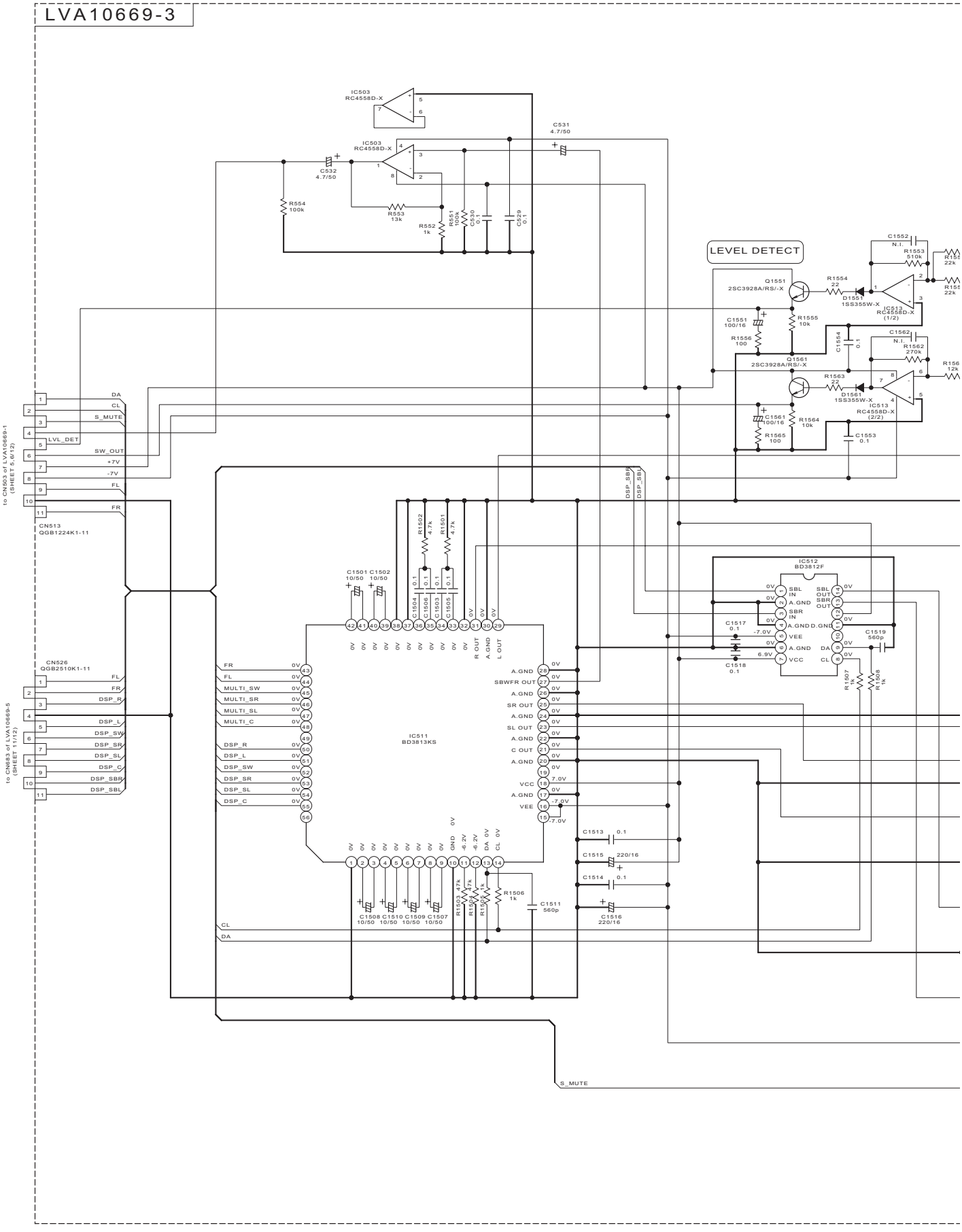

IC501
MN101C49KRA
SC
CV
FOR FLASH

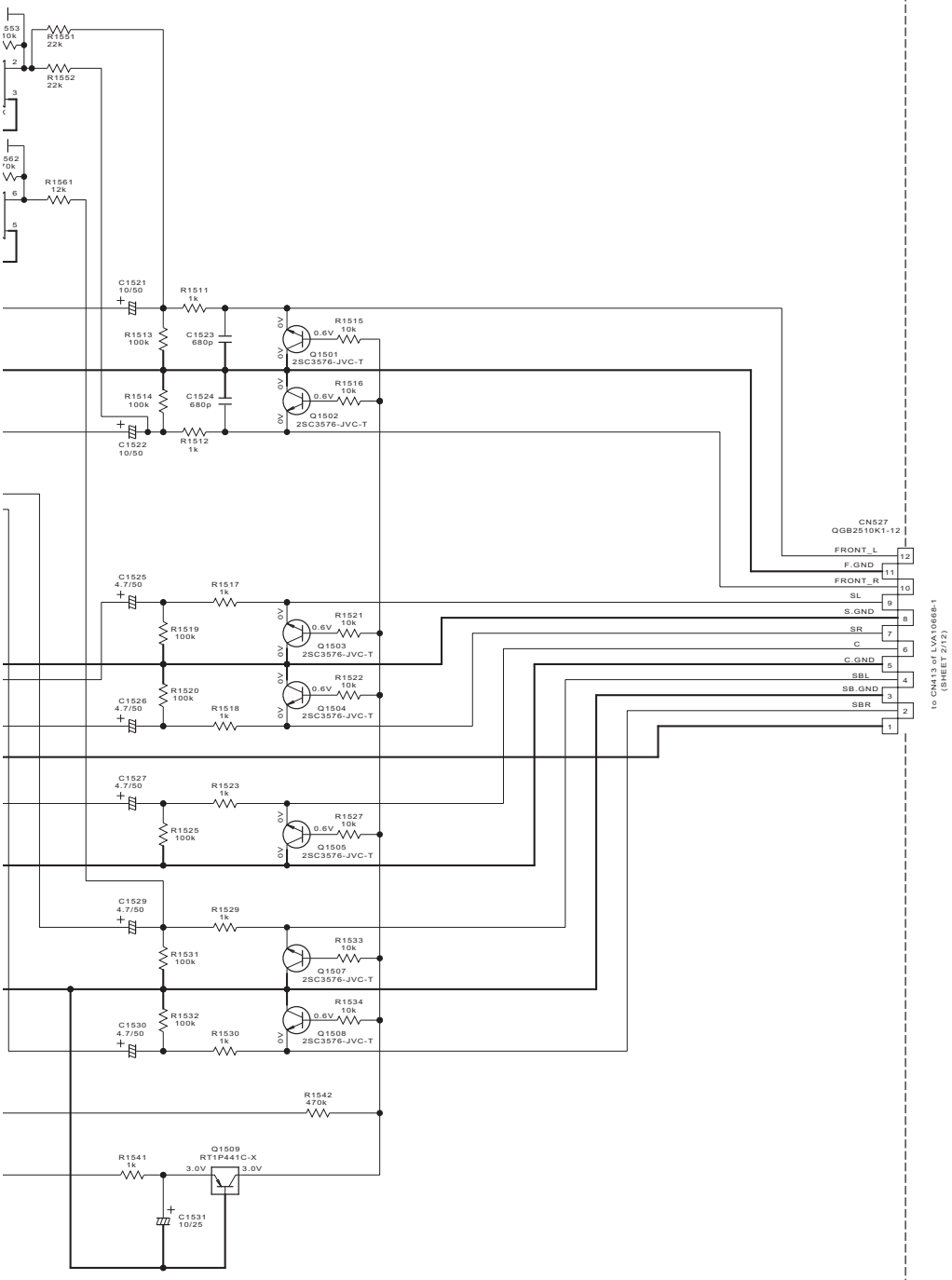
■ OSD / Component section



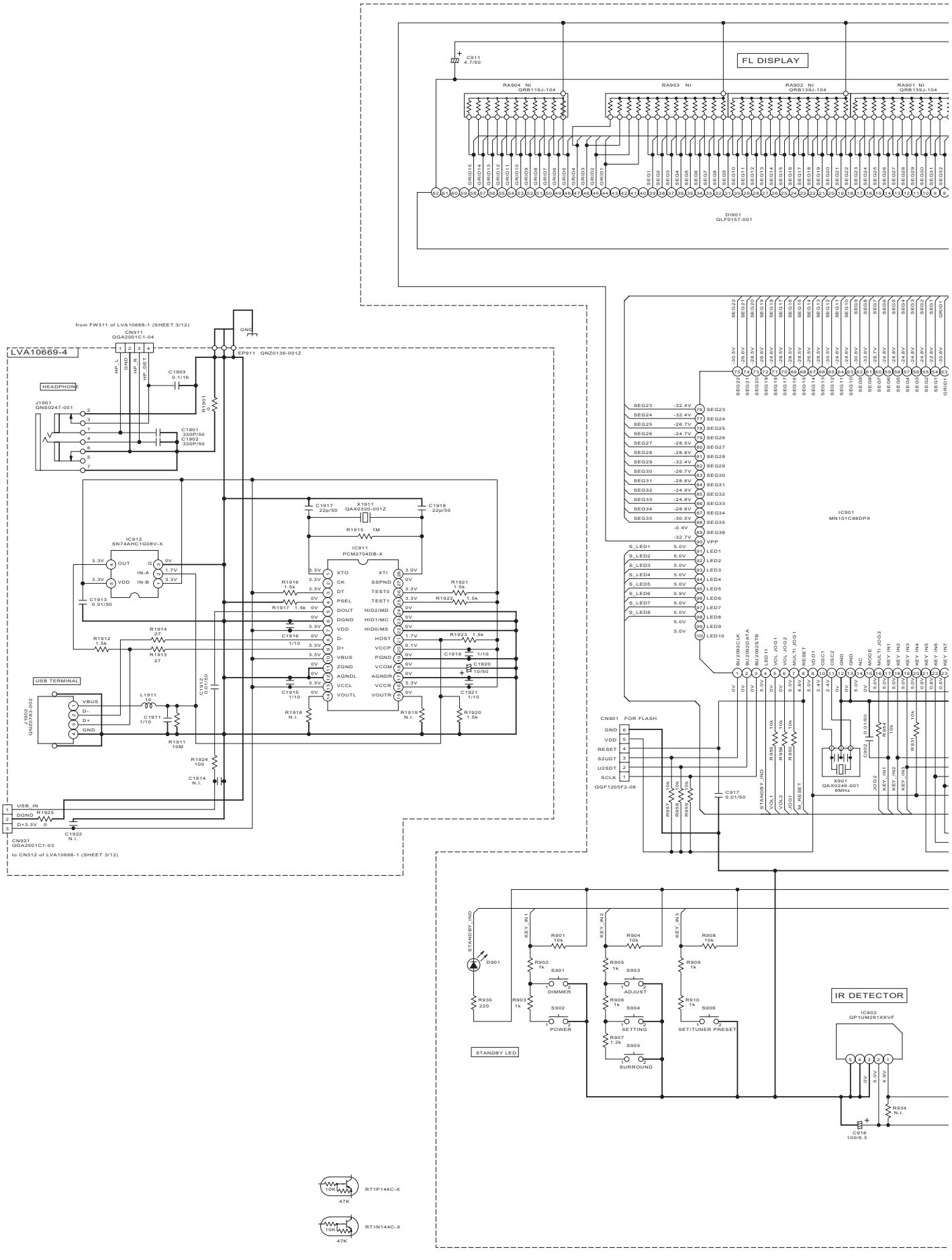


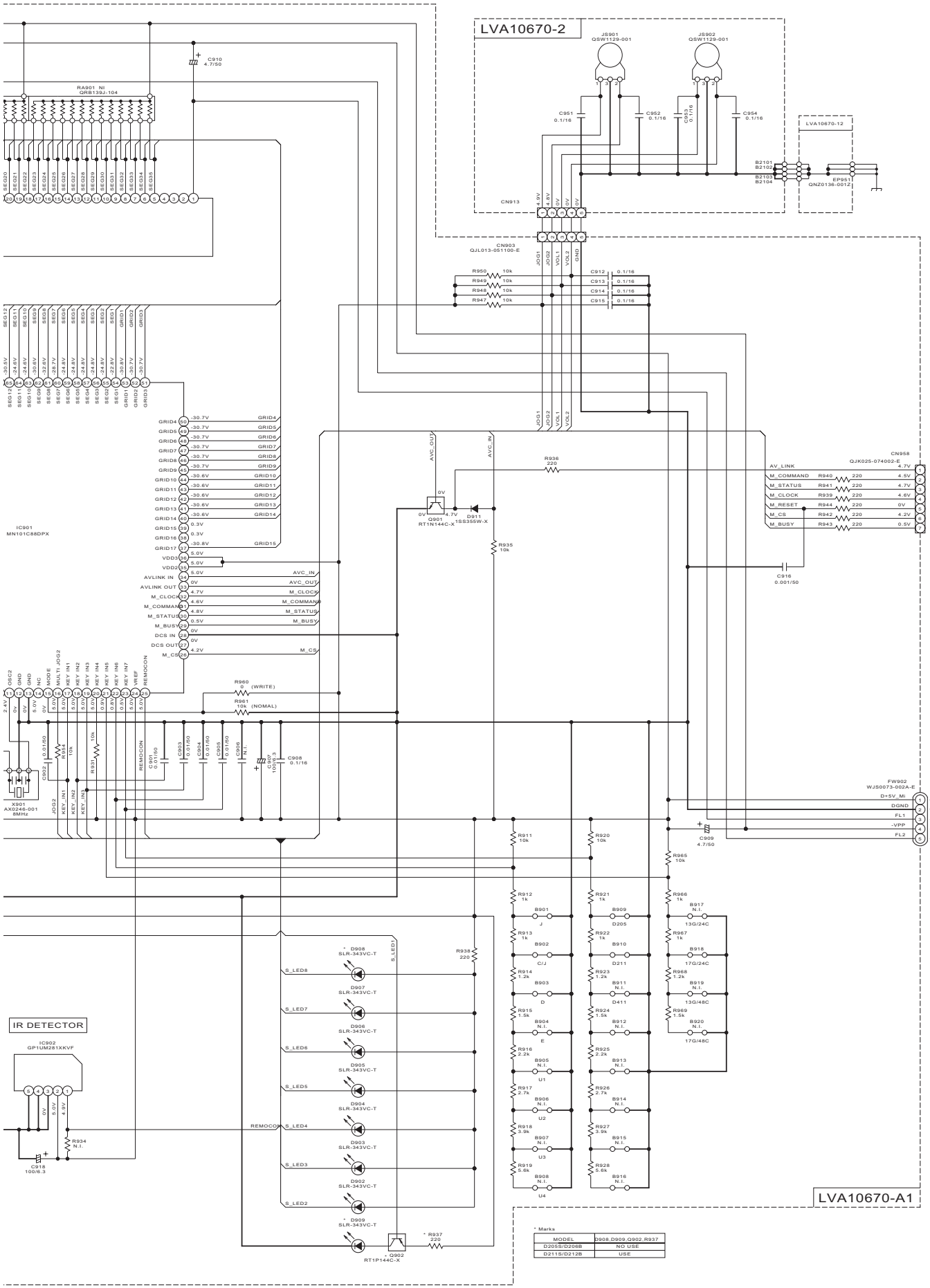
■ Master volume IC section



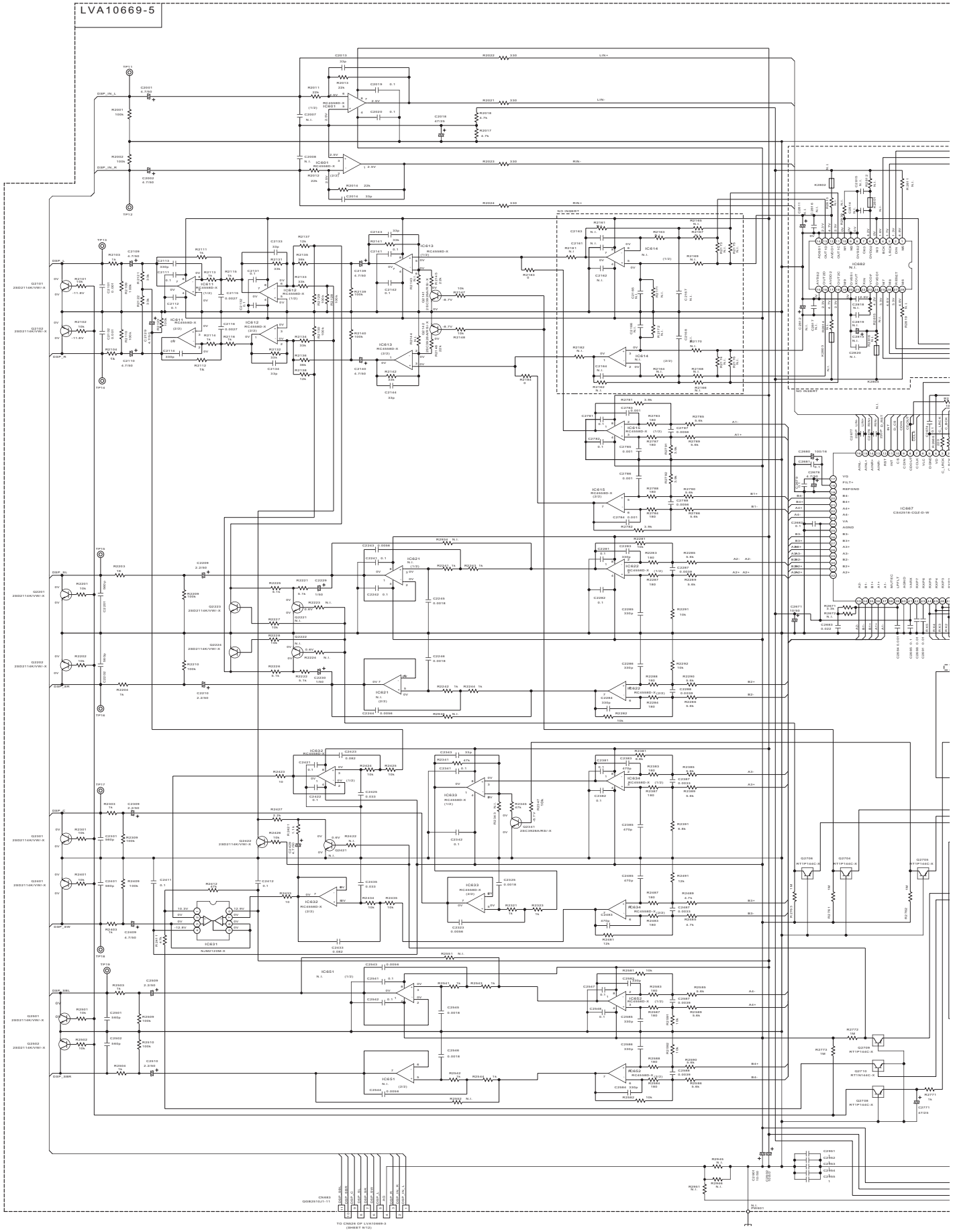

R1551 22k
R1552 22k
R1561 12k
C1521 10/50
R1511 1k
R1513 100k
C1523 680p
R1514 100k
C1524 680p
C1522 10/50
R1512 1k
R1515 10k
R1516 10k
Q1501 2SC3576-JVC-T
Q1502 2SC3576-JVC-T
0.6V
0V
C1525 4.7/50
R1517 1k
R1519 100k
C1526 4.7/50
R1520 100k
R1518 1k
R1521 10k
R1522 10k
Q1503 2SC3576-JVC-T
Q1504 2SC3576-JVC-T
C1527 4.7/50
R1523 1k
R1525 100k
R1527 10k
Q1505 2SC3576-JVC-T
C1529 4.7/50
R1529 1k
R1531 100k
R1533 10k
Q1507 2SC3576-JVC-T
C1530 4.7/50
R1532 100k
R1530 1k
R1534 10k
Q1508 2SC3576-JVC-T
R1542 470k
R1541 1k
Q1509 RT1P441C-X
3.0V
C1531 10/25
CN527 QGB2510K1-12
FRONT_L 12
F.GND 11
FRONT_R 10
SL 9
S.GND 8
SR 7
C 6
C.GND 5
SBL 4
SB.GND 3
SBR 2
1
to CN413 of LVA10668-1 (SHEET 2/12)

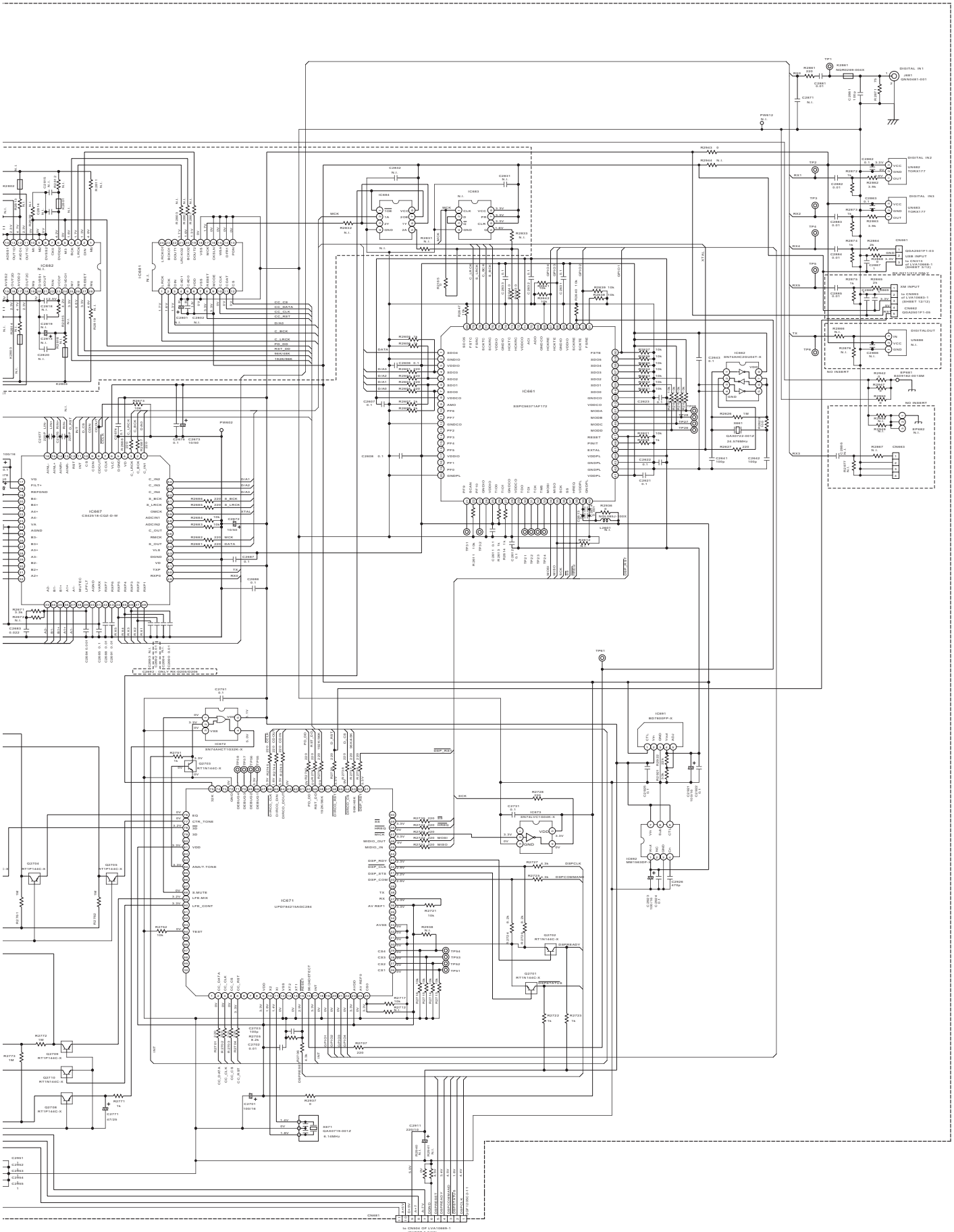
■ User control keys / System control / FL displeu section



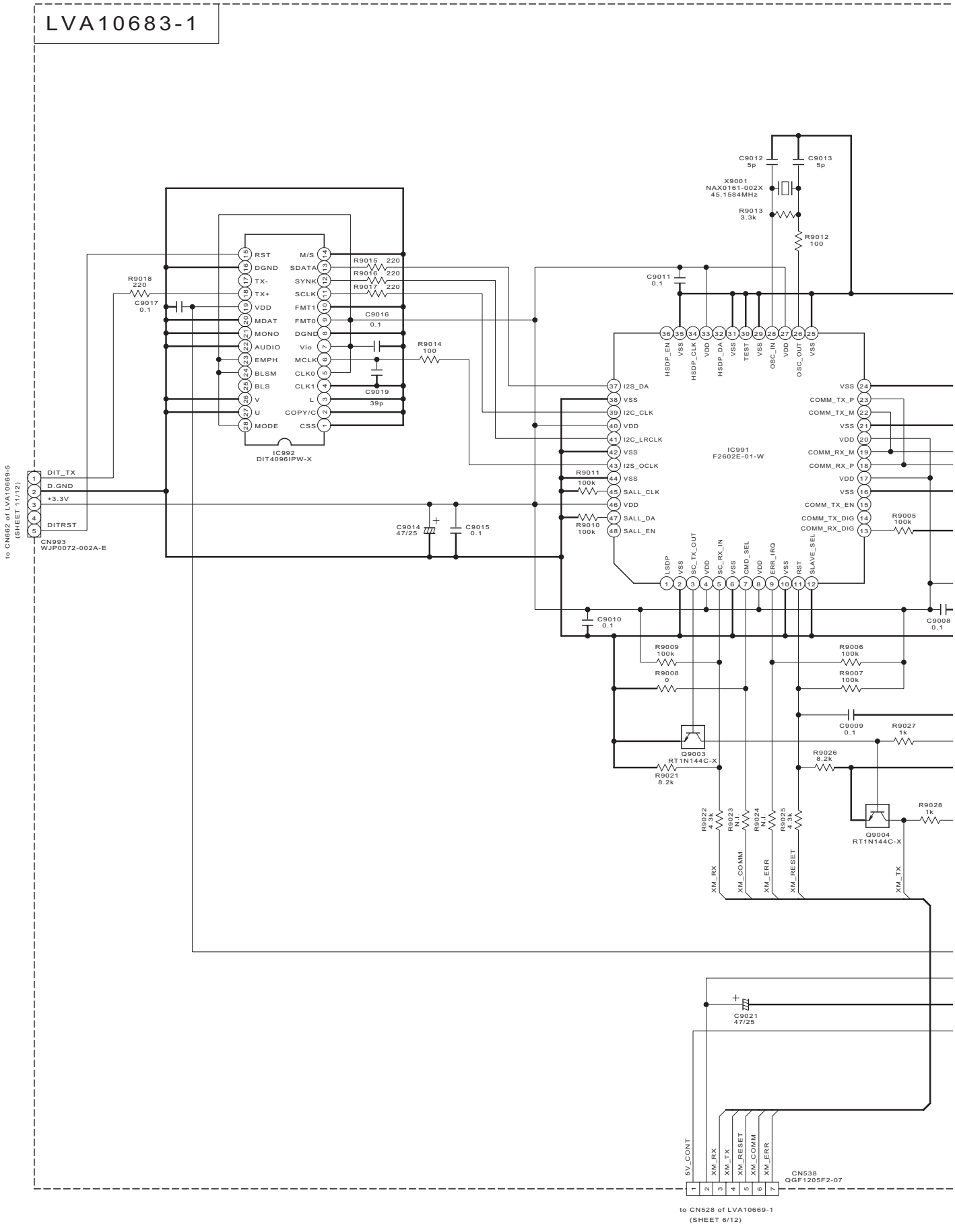

LVA10670-2
LVA10670-A1
IC901
MN101C88DPX
IR DETECTOR
IC902
GP1UM281XKVF
X901
AX0246-001
8MHz
Q901
RT1N144C-X
Q902
RT1P144C-X
D911
1SS355W-X
CN913
CN903
QJL013-051100-E
CN958
QJK025-074002-E
JS901
QSW1129-001
JS902
QSW1129-001
LVA10670-12
EP951
QNZ0136-0012
FW902
WJS0073-002A-E
FROM CN908 OF LVA10669-1 (SHEET 6/12, 6/12)
FROM CN102 OF LVA10670-1 (SHEET 4/12)
* Marks
MODEL | D908,D909,Q902,R937
D205S/D206B | NO USE
D211S/D212B | USE

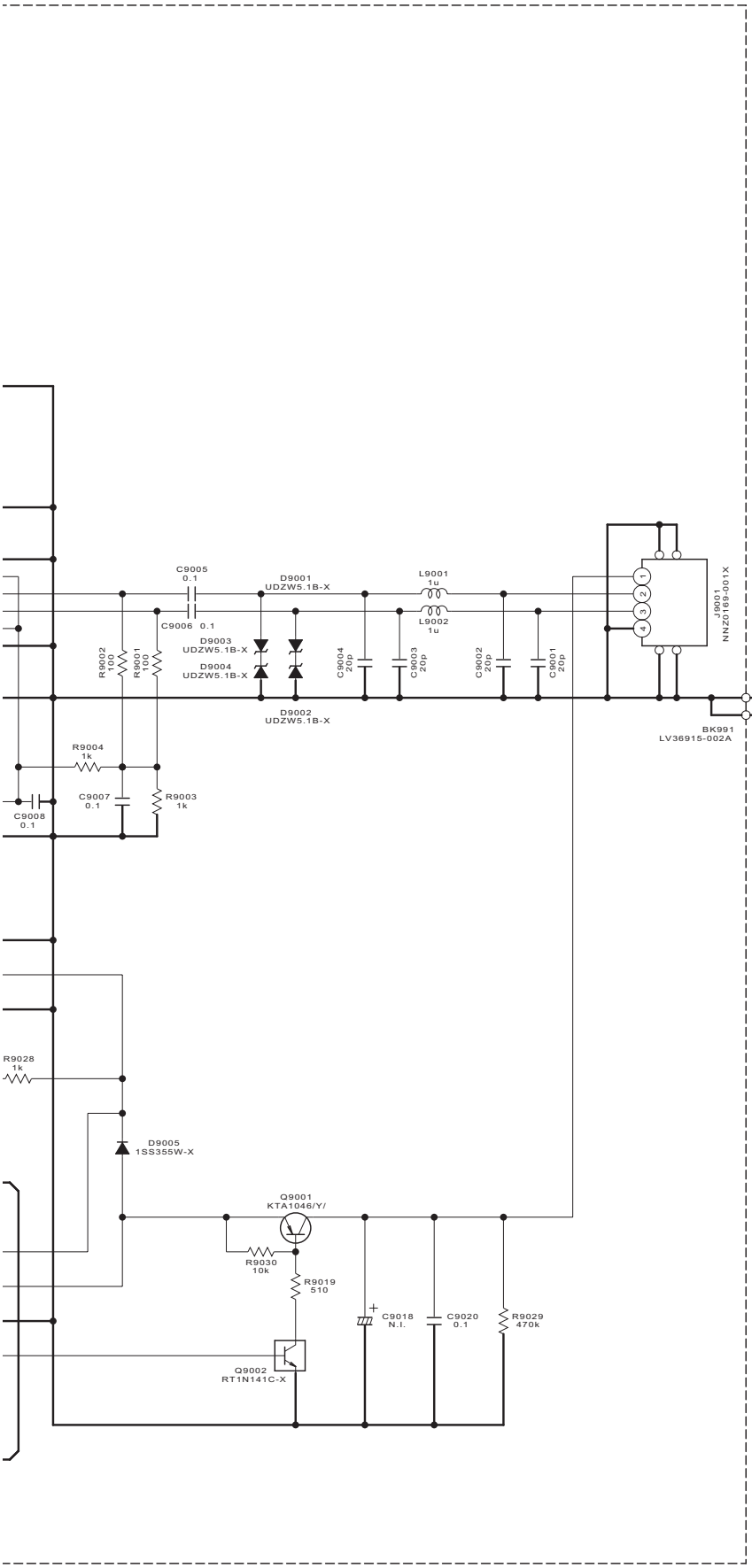
■ DSP / Digital siganal input sectionv





■ XM ready sectionv



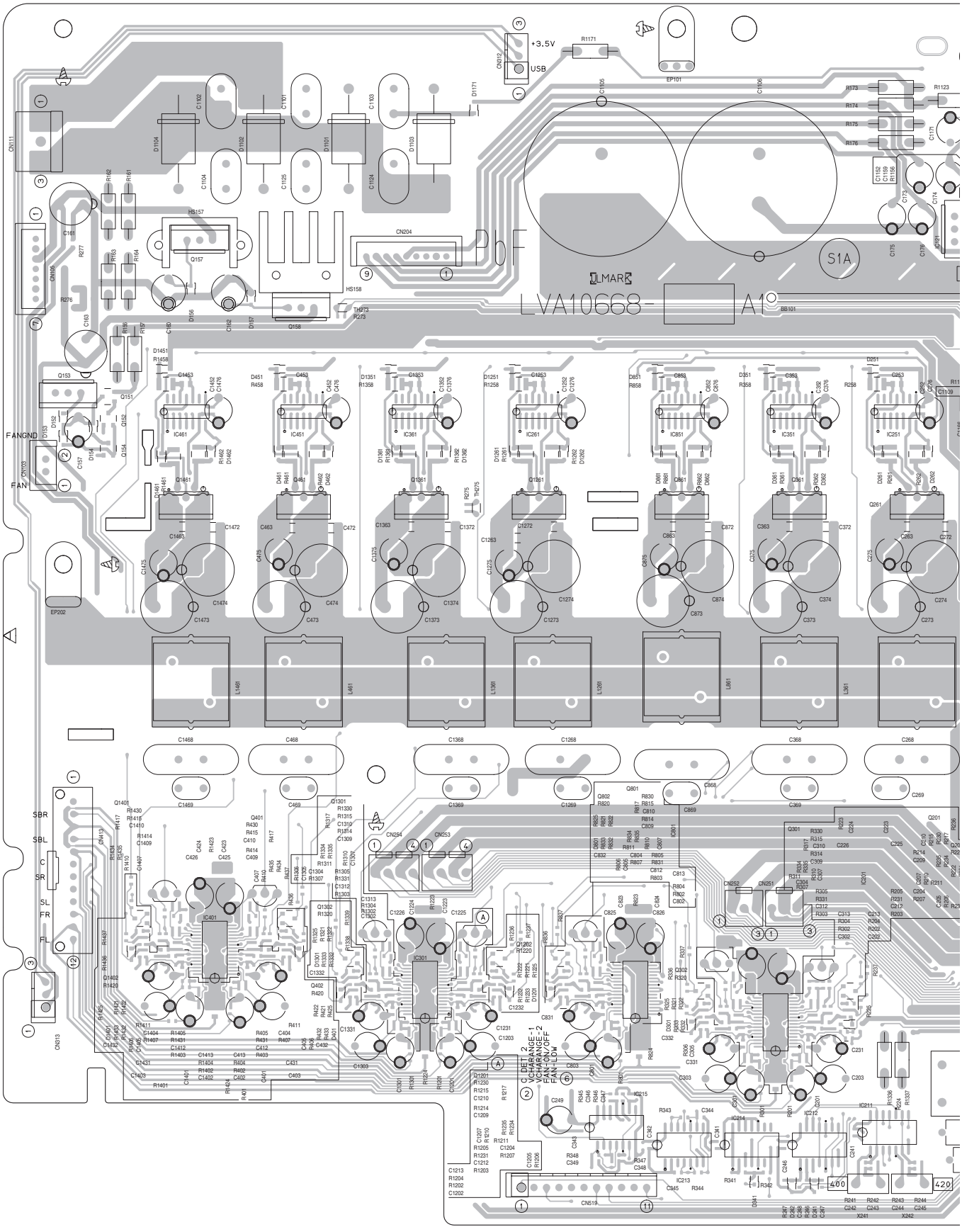

C9005
0.1
D9001
UDZW5.1B-X
L9001
1u
L9002
1u
C9006 0.1
D9003
UDZW5.1B-X
D9004
UDZW5.1B-X
R9002
100
R9001
100
C9004
20p
C9003
20p
C9002
20p
C9001
20p
D9002
UDZW5.1B-X
J9001
NNZ0169-001X
BK991
LV36915-002A
R9004
1k
C9007
0.1
R9003
1k
C9008
0.1
R9028
1k
D9005
1SS355W-X
Q9001
KTA1046/Y/
R9030
10k
R9019
510
C9018
N.I.
C9020
0.1
R9029
470k
Q9002
RT1N141C-X

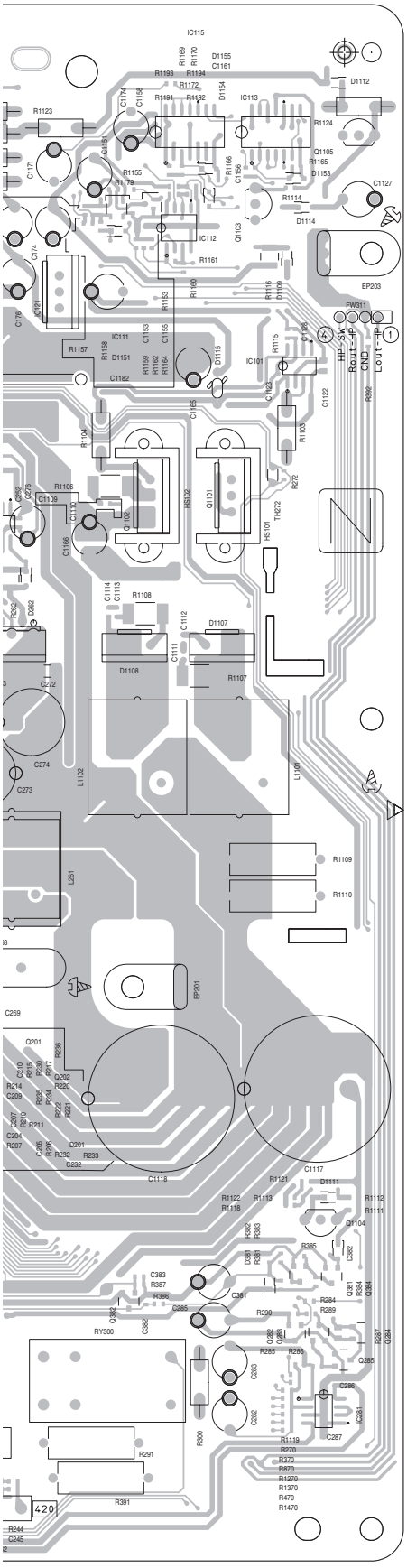
Printed circuit boards

■ Main board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side

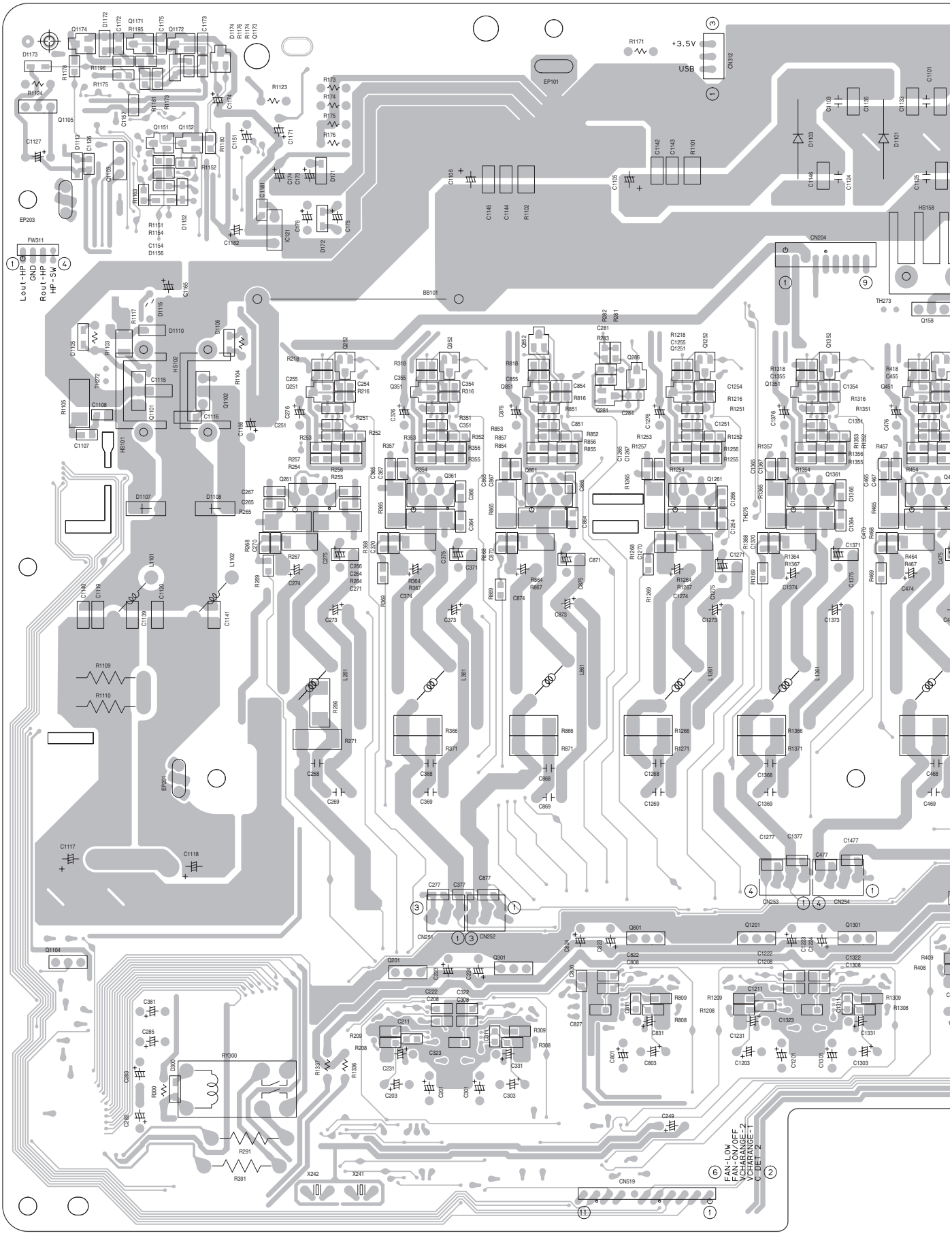


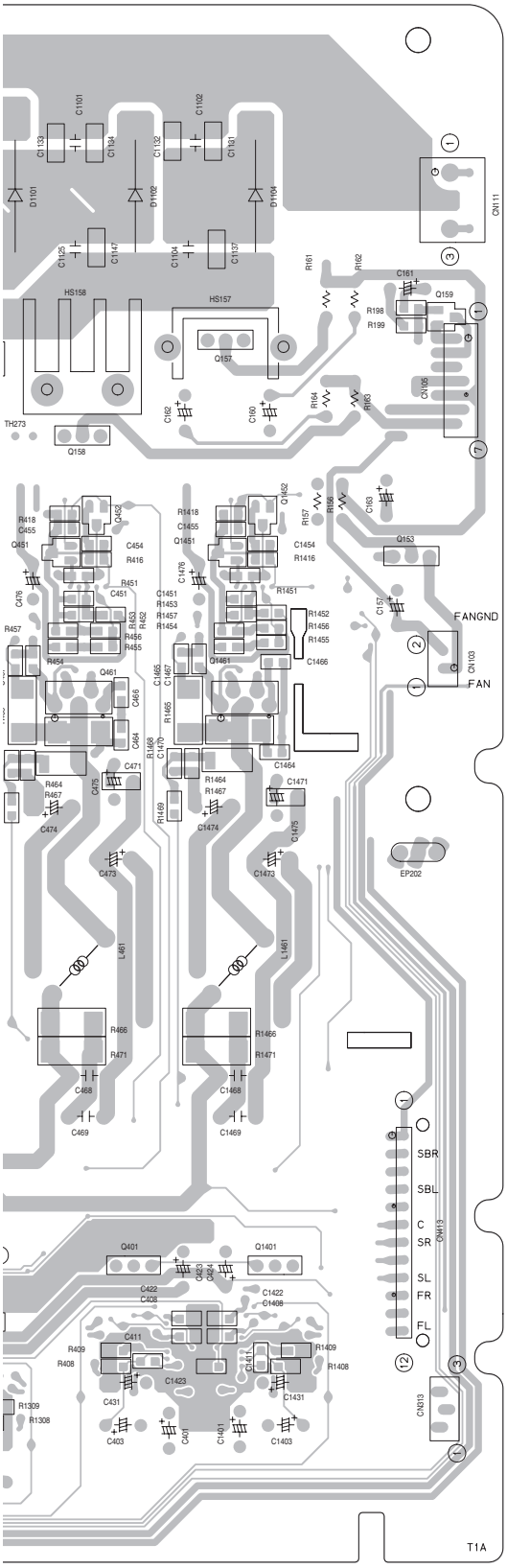

IC115
R1169
R1170
D1155
C1161
R1193
R1194
R1172
R1191
R1192
D1154
IC113
D1112
R1123
C1174
C1158
R1124
C1171
C1154
Q1105
R1165
D1153
R1155
R1179
R1166
C1156
C1127
R1114
D1114
IC112
Q1103
C174
R1161
EP203
C176
C161
R1160
R1116
D1109
FW311
R1153
C1153
C1155
C1165
HP_SW
Rout_HP
GND
Lout_HP
R1157
IC111
R1158
D1151
R1159
R1162
R1164
D1115
IC101
R1115
C1182
C1163
C1122
R992
C1185
R1104
R1103
R272
R1106
C1109
C1110
Q1102
HS102
Q1101
HS101
TH272
C1166
C1114
C1113
R1108
C1112
D1107
C1111
D1108
R1107
C272
C274
C273
L1102
L1101
L261
R1109
R1110
EP201
C269
Q201
R216
R215
R230
R217
Q202
R214
C209
R225
R224
R227
R226
R210
R211
C207
C204
R207
C205
R205
Q201
R232
R233
C232
C1118
C1117
R1121
D1111
R1122
R1118
R1113
R1112
R1111
Q1104
R282
R283
D281
R281
R385
D282
C383
R387
R386
C285
C381
R284
Q281
R284
Q384
R290
R289
RY300
Q382
C282
Q283
R285
R286
R287
Q284
C283
C286
C281
C287
R300
R1119
R270
R370
R870
R1270
R1370
R470
R1470
R291
R391
420
R244
C245

■ Main board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

reverse side



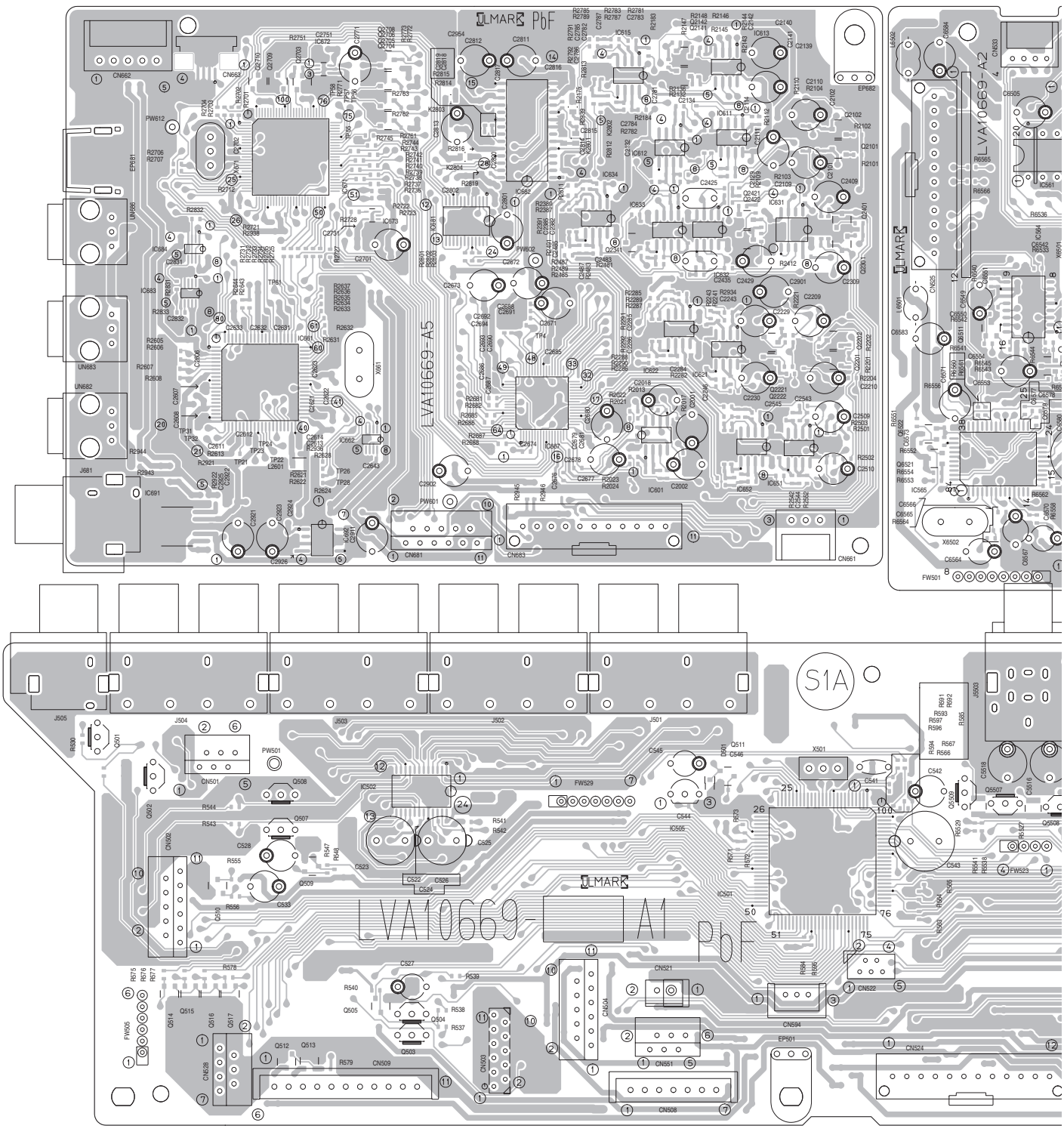

C1101
C1102
C1133
C1134
C1132
C1103
D1101
D1102
D1104
C1125
C1147
C1104
C1137
CN111
R161
R162
C161
Q159
R198
R199
HS158
HS157
Q157
CN105
C162
C160
R164
R163
TH273
Q158
Q1452
R1418
C1455
Q1451
C1454
R1416
R157
R156
C160
Q153
C452
R418
C455
Q451
C454
R416
C476
C1476
R1451
C157
FANGND
C451
C1451
R1453
R1457
R1454
R1452
R1456
R1455
C1466
CN103
FAN
R457
R453
R452
R456
R455
R454
Q461
Q1461
C1465
C1467
C466
R1465
C464
R1468
C1470
C1464
C471
C475
R464
R467
C474
R1464
R1467
C1471
R1469
C1474
C1475
C473
C1473
EP202
L461
L1461
R466
R471
R1466
R1471
C468
C1468
C469
C1469
SBR
SBL
C
SR
SL
FR
FL
CN413
Q401
Q1401
C423
C424
C422
C408
C1422
C1408
C411
R409
R408
R1409
R1408
C1423
C1414
C1431
C431
R1309
R1308
C403
C407
C1401
C1403
CN313
T1A

■ Input board

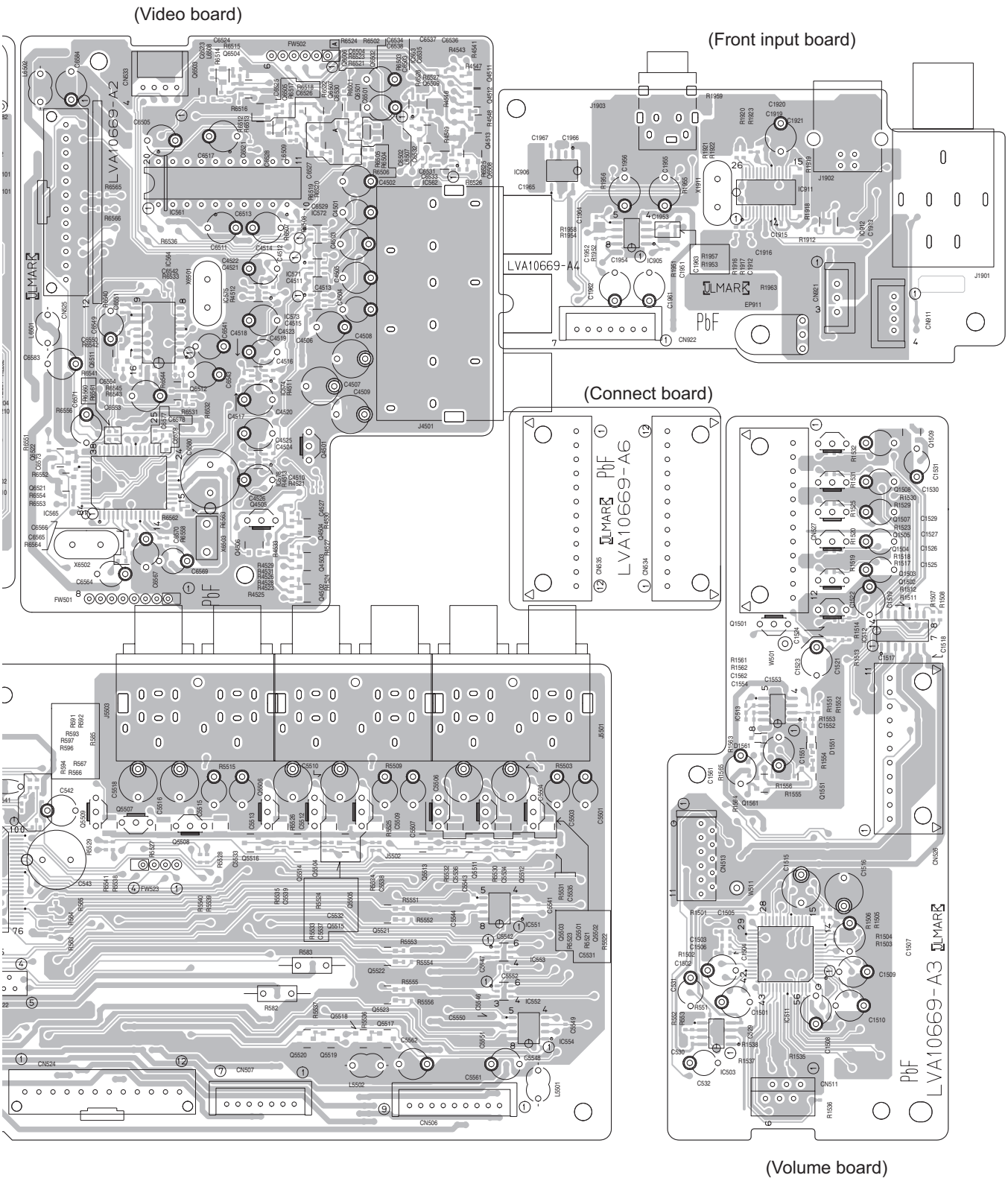
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side

(DSP board) (Video



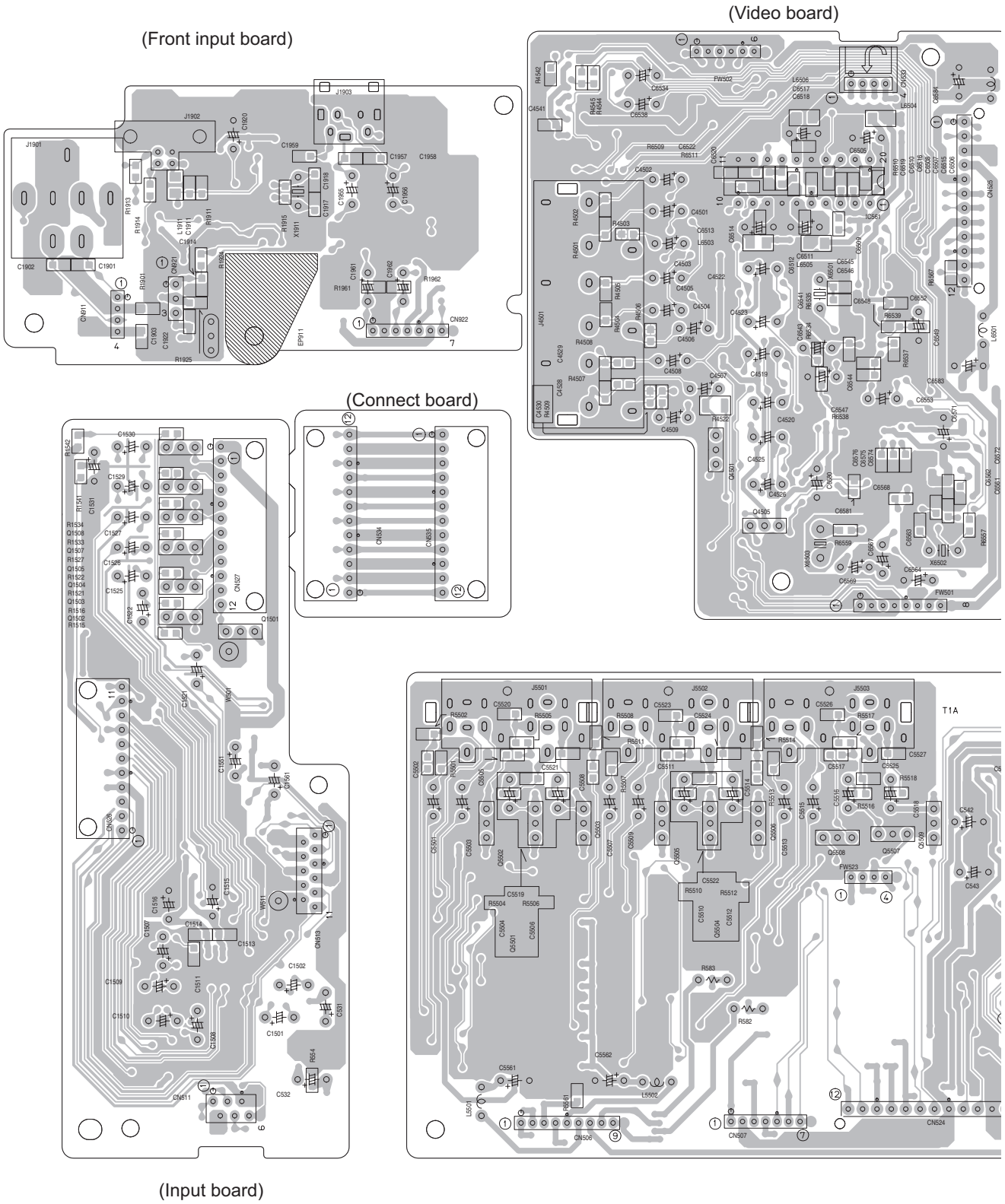
(Input board)


(Video board)
(Front input board)
(Connect board)
(Volume board)
LVA10669-A2
LVA10669-A4
LVA10669-A6
LVA10669-A3

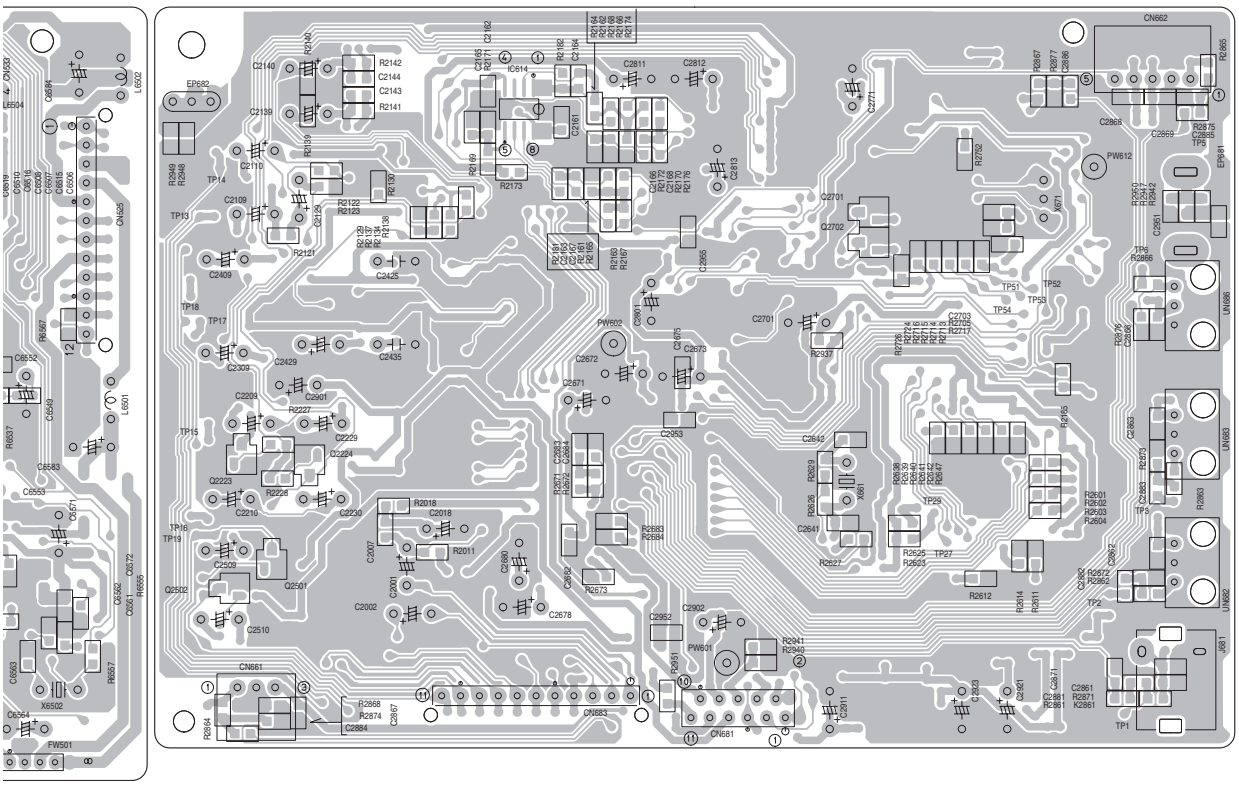
■ Input board

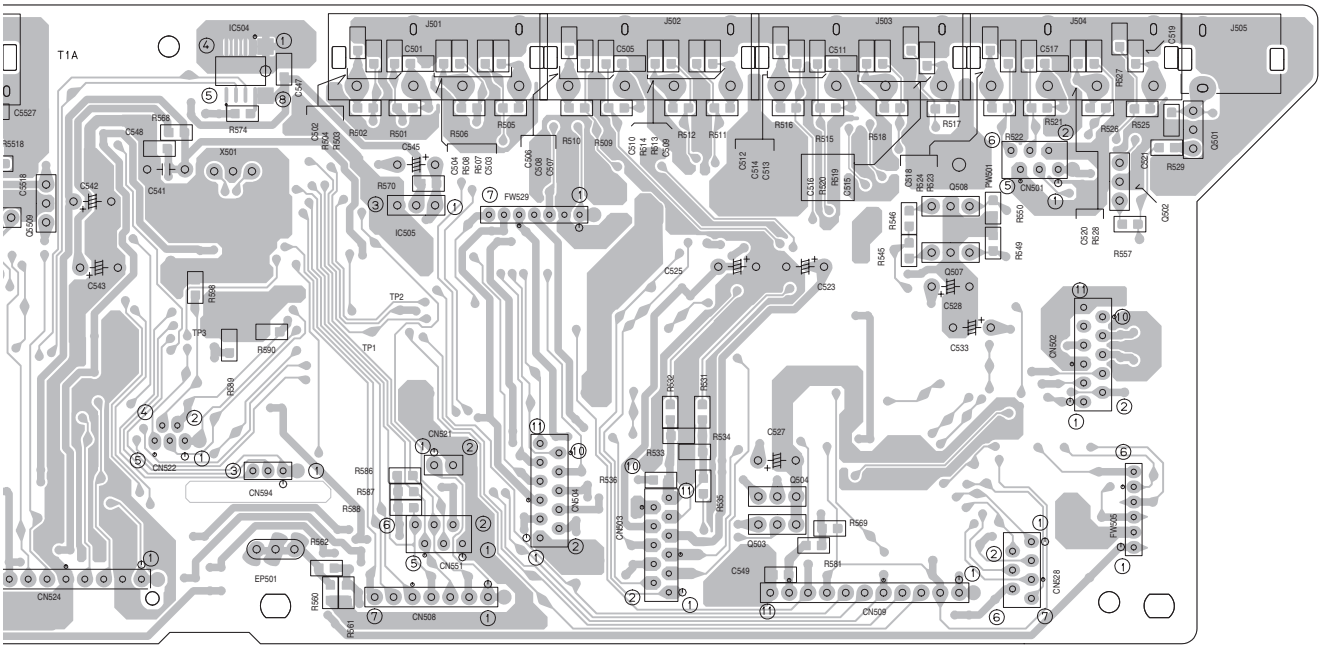
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

reverse side



(DSP board)



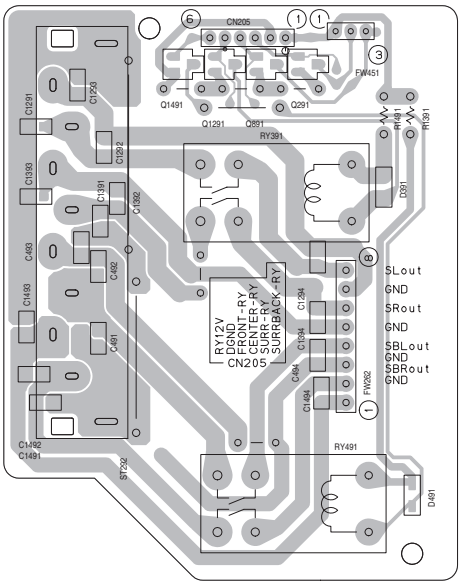


(Volume board)

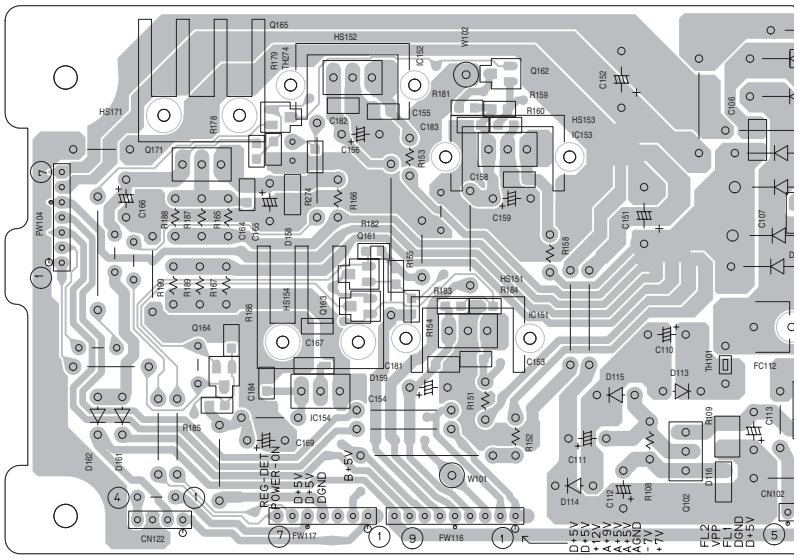
■ Front board

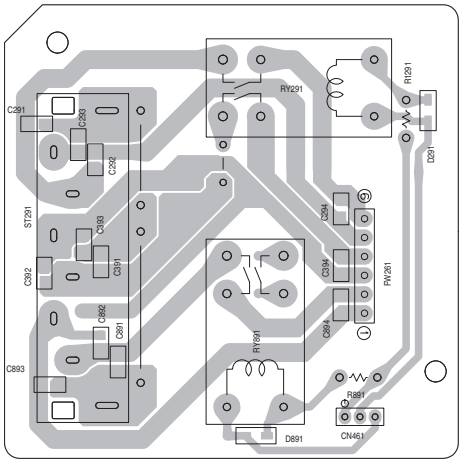
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(Speaker terminal 2 board)

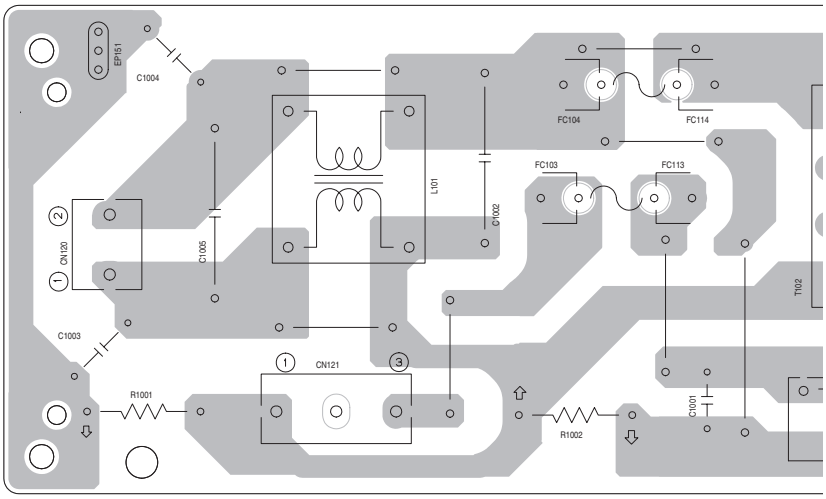


(Regulator 1 board)





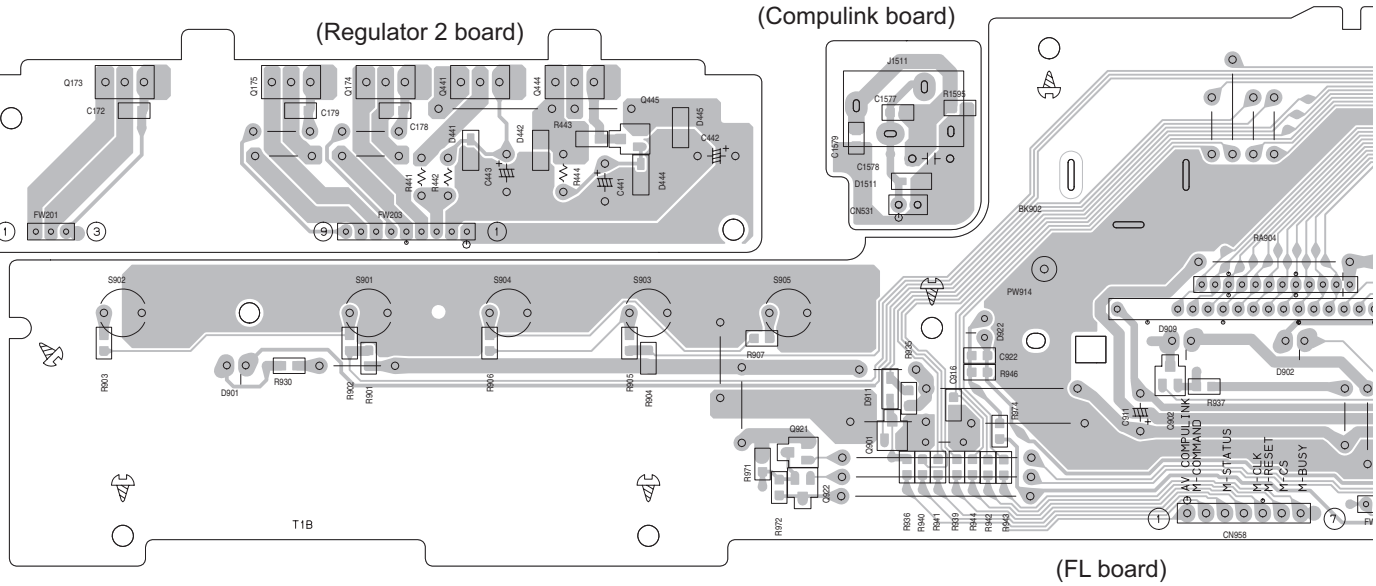
(Speaker terminal 1 board)



(Primary board)

(Regulator 2 board)

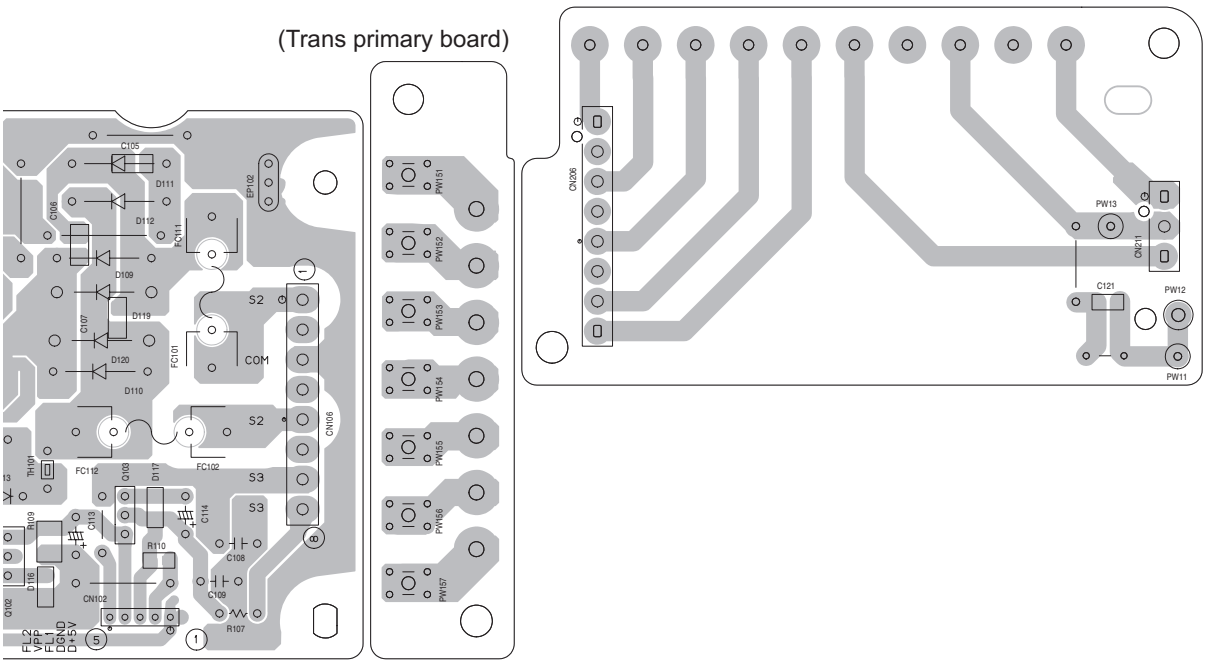
(Compulink board)



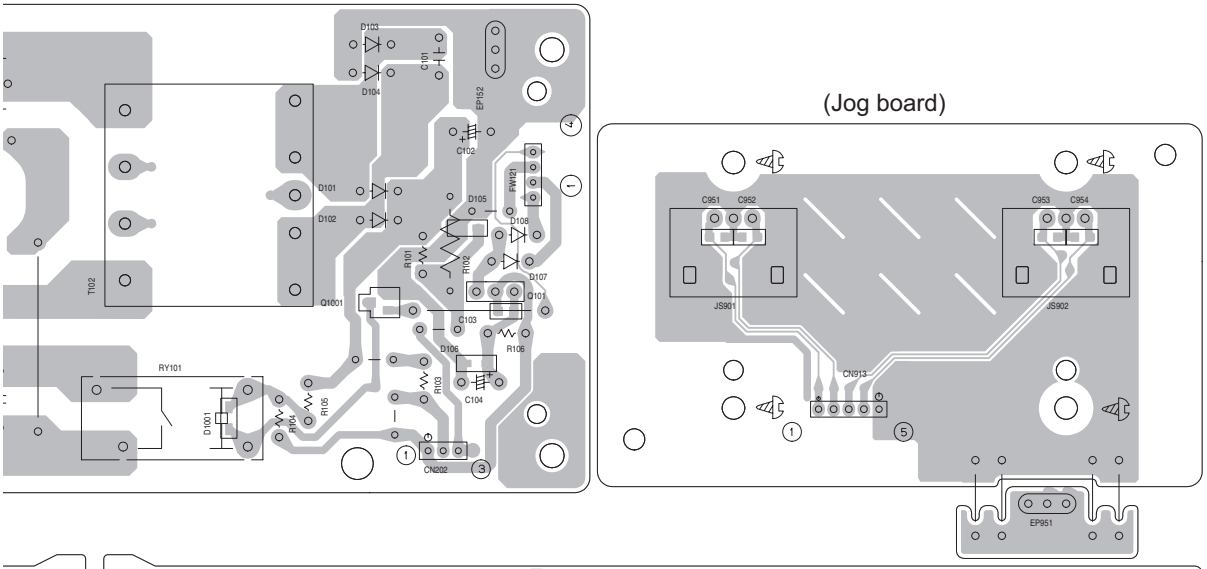
(FL board)

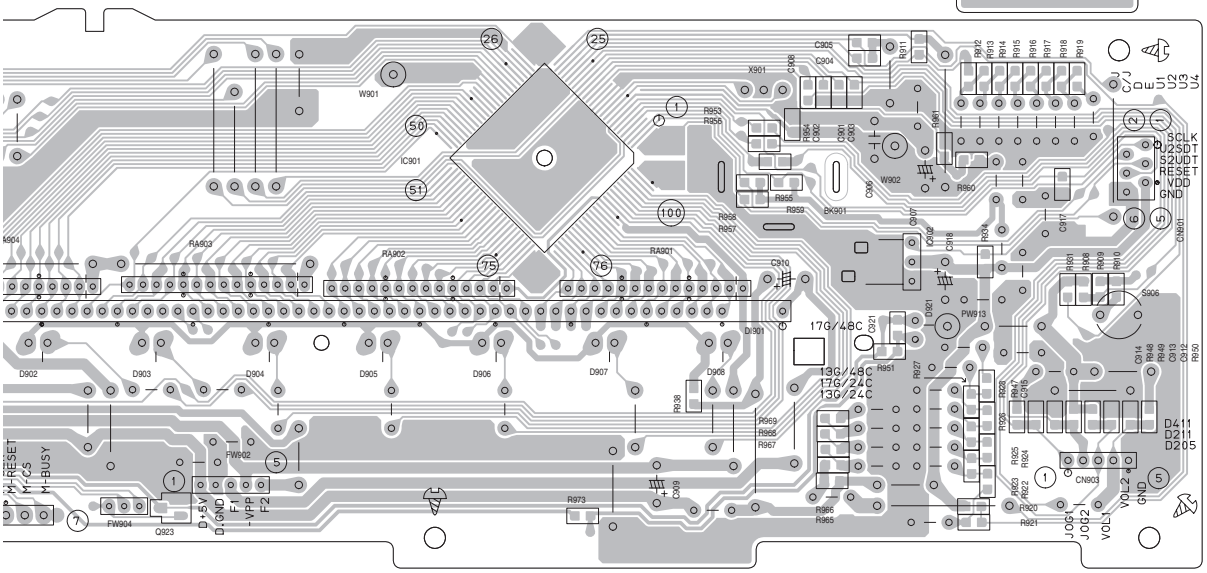
(Trans secondary board)

(Trans primary board)



(Jog board)

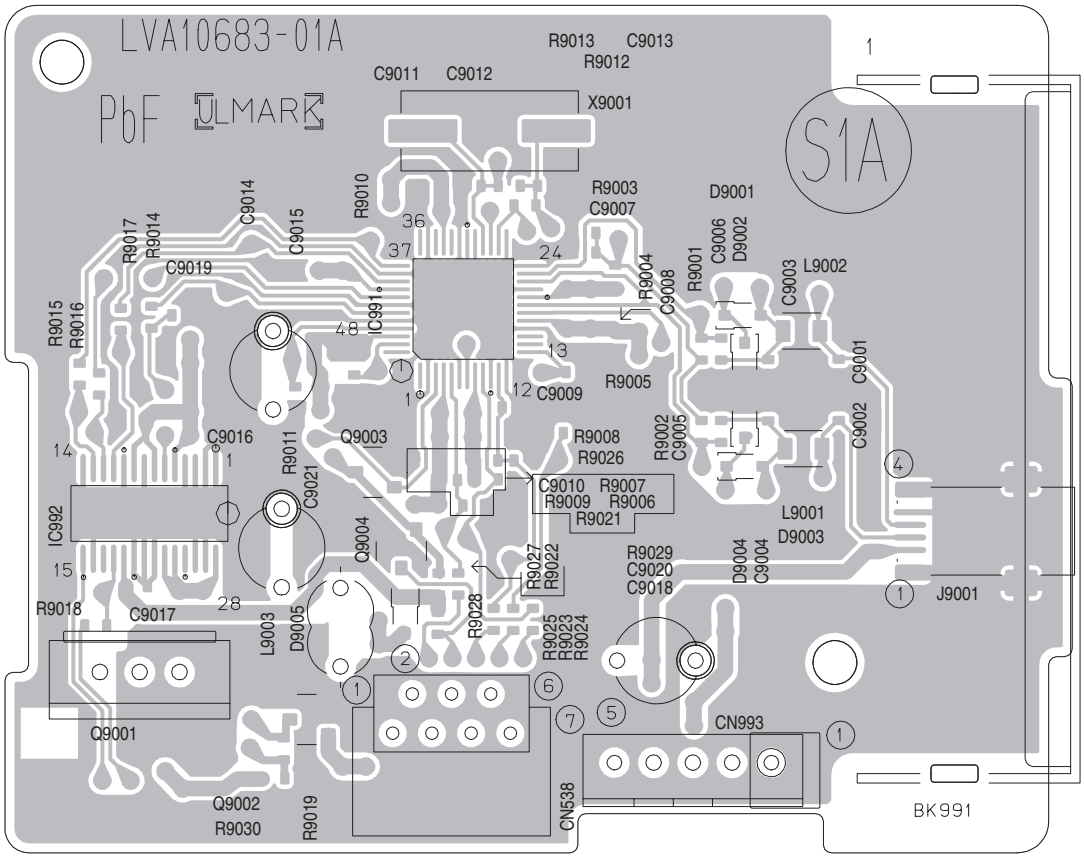




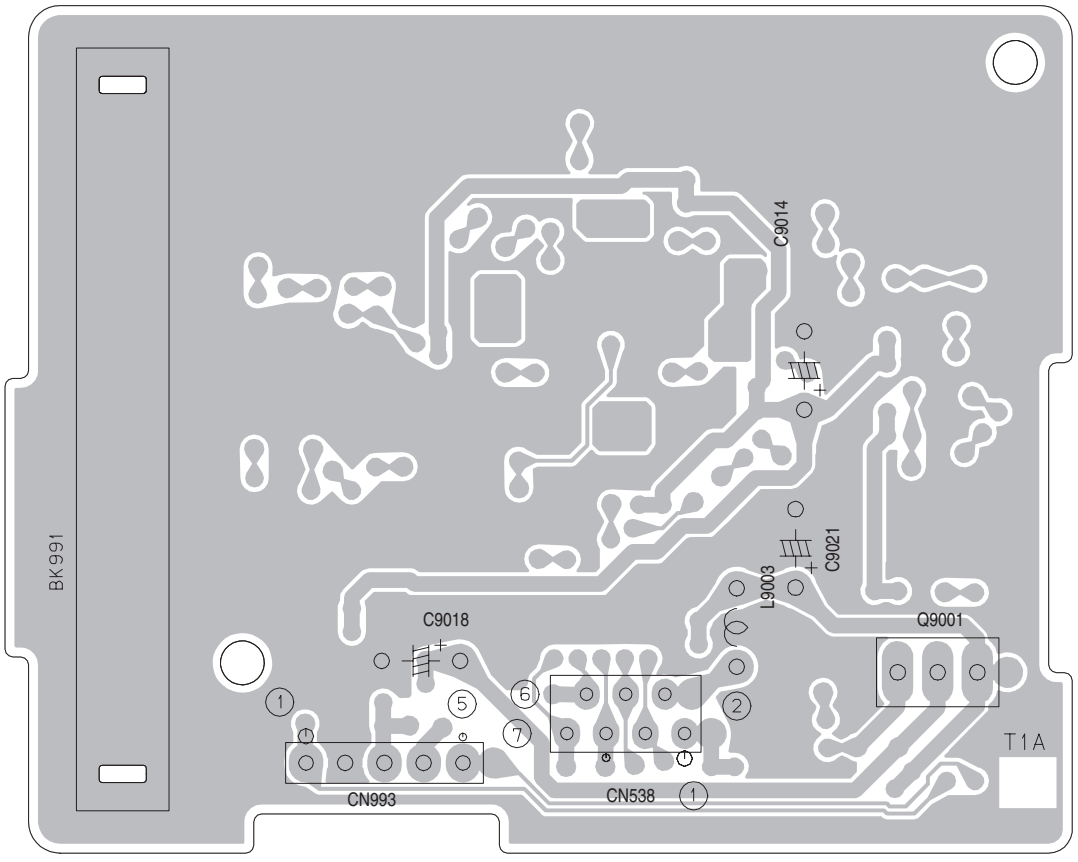
■ XM board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side



reverse side



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